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The Shenandoah Nurseries

(LAKES)

Shenandoah, Iowa

WINTER
Wholesale Trade List

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ORDER TODAY
LONG DISTANCE PHONES
406 - 407

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR OVER 85 YEARS

1870 **1957**

TERMS AND CONDITIONS OF SALE

TERMS—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET** 30 days thereafter.

Cash security, or satisfactory reference is required from parties unknown to us. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—EXCEPTING PATENTED ITEMS. Fruit Trees, Shade Trees, Shrubs, Roses, Evergreens, Vines and Perennials (including Peonies and Lilies) as follows:

300 or more take 1000 rates where published.

30 to 300 take 100 rates where published.

Under 30 take 10 rates.

PATENTED ITEMS — See individual headings.

All grades and varieties in any one class (except Patented Varieties) are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGING, PRIVET and LINING OUT STOCK
300 of same variety and grade take 1000 rates.
Under 300 of same variety and grade take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for **TEN OF A KIND** and size, and beyond that for multiples of ten. **ORDERS FOR BROKEN LOTS CANNOT BE ACCEPTED.**

NOTICE—The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE.** All sales and contracts are made subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility.

ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged actual cost of material and labor used.

CLAIMS—For any cause must be made promptly upon receipt of goods. We will not entertain claims after goods have been accepted, or when report is not made in writing within ten days after arrival of stock.

GUARANTEE—We give no warranty, expressed or implied, as to life, description, quality, productiveness, or any other matter of any nursery stock, seeds or plants that we sell and will not be in any way responsible for the results secured in transplanting. It is mutually agreed that our total liability for any errors, should stock prove untrue to name as labeled, shall be limited upon satisfactory proof, to our replacing free or refunding purchase price.

THE SHENANDOAH NURSERIES

D. S. LAKE, President

Please note that calibers shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle

APPLE and CRAB

	Per 10	Per 100	Per 1000
Standard First Class, 4½ ft. and up, 11/16 to 1 in.	$ 9.50	$ 90.00	$ -----
Standard First Class, 4 ft. and up, 9/16 to 11/16 in.	8.50	80.00	750.00
Standard First Class, 3 ft. and up, 7/16 to 9/16 in.	6.50	60.00	550.00
Standard First Class, 2 ft. and up, 5/16 to 7/16 in.	4.00	35.00	300.00

S. Summer F. Fall W. Winter

Anoka	S	Red Striped	McIntosh Early	F&W	Red
Beacon	S	Dark Red	Minjon	W	Dark Red
Delicious Dark Red	W	Red	N. W. Greening	W	Green
Delicious Yellow	W	Yellow	Prairie Spy	W	Red
Duchess Dark Red	S	Red	Redwell	W	Red
Early Harvest	S	Yellow	Roman Stem	F&W	Yellow
Fameuse	W	Red Striped	Rome Beauty Red	W	Red
Fireside	W	Red	Tolman Sweet	W	Yellow
Grimes Golden	W	Yellow	Turley	W	Red
Hyslop	F	Deep Crimson	Victory	W	Red
Idared	W	Red	Virginia Crab	F	Red Striped
Ingram	W	Red Striped	Wealthy	F	Red
Jonathan Dark Red	W	Red	Whitney Crab	F	Red Striped
Lodi	S	Yellow	Winesap Dark Red	W	Red
Maiden Blush	F	Yellow	Yellow Transparent	S	Yellow

APPLE — WHIPS

Excellent trees, graded by height as well as caliber. Tied same as standard grade.

	Per 10	Per 100
4 to 5 ft., 9/16 in. and up	$ 7.00	$ 65.00
3 to 4 ft., 7/16 to 9/16 in.	6.00	55.00
2 to 3 ft., 5/16 to 7/16 in.	3.50	30.00

Varieties as listed above.

CONNELL RED

Plant Patent No 1602

Large, vigorous, productive tree of moderately spreading habit. Fruit smooth, round, of solid dark red to medium dark red color. Flaring stem cavity. Fruit clings with negligible drop until harvest. Matures late. Of excellent flavor, sub-acid. Excellent dessert, sauce, and salad apple.

	10-29 Each	30-99 Each
4½ ft. and up, 11/16 in. and up	$ 1.65	$ 1.50
4 ft. and up, 9/16 to 11/16 in.	1.32	1.20
3 ft. and up, 7/16 to 9/16 in.	1.10	1.00

SUGGESTED RETAIL	EACH	Per 3 Each	Per 12 Each	Per 100 Each	Per 500 Each
11/16 in.	$ 3.00	$ 2.75	$ 2.50	$ 2.00	$ 1.90
9/16 in.	2.50	2.25	2.00	1.75	1.60
7/16 in.	2.00	1.75	1.60	1.35	1.10

JONADEL

Tree resembles Jonathan in form and character. Fruit larger than Jonathan, of bright cherry red to dark red, smooth and firm, of good handling quality. Flesh is firm, crisp and juicy. Flavor more mild than Jonathan and more acid than Delicious.

	Per 10 Each	Per 100 Each
4½ ft. and up, 11/16 in. and up	$ 1.50	$ 1.40
4 ft. and up, 9/16 to 11/16 in.	1.30	1.20
3 ft. and up, 7/16 to 9/16 in.	1.00	.90

SUGGESTED RETAIL	Each
11/16 in.	$ 2.75
9/16 in.	2.25
7/16 in.	1.90

APPLE — DWARF

	Per 10	Per 100
4 ft. and up, 11/16 in. and up	$19.00	$175.00
3½ ft. and up, 9/16 to 11/16 in.	16.50	150.00
2½ ft. and up, 7/16 to 9/16 in.	14.00	125.00

Delicious Red — **McIntosh Early** — **Northern Red Spy**
Beacon — **Melba Red** — **Red Bird Early**
Delicious Yellow — **Northern Spy** — **Rhode Island Greening**
McIntosh

APPLE — QUINTUPLET
Shenandoah Grown

Our "Quint". Apple are budded to a strong two-year graft and then grown another full year producing a strongly branched tree of five or more varieties. Following varieties assured.

Grimes Golden — **Delicious Dark Red** — **Yellow Transparent**
Jonathan Dark Red — **Staymen Dark Red**

	Per 10	Per 100
Three Years, 11/16 in. and up	$20.00	$185.00

APPLE — SEMI-DWARF

Delcon, truly a semi-dwarf tree of height to 12 feet. Produced by the Missouri State Experimental Station. Combines the Jonathan and Delicious flavor in a full sized, dark red fruit. Hardiness similar to Red Delicious.

	Per 10	Per 100
11/16 in. and up	$13.50	$120.00
9/16 to 11/16 in.	10.00	90.00
7/16 to 9/16 in.	7.50	70.00

APRICOT

ONE YEAR (On Peach Roots)	Per 10	Per 100
4 ft. and up, 11/16 in. and up	$12.00	$110.00
3 ft. and up, 9/16 to 11/16 in.	9.50	90.00
2½ ft. and up, 7/16 to 9/16 in.	7.50	70.00
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00

Early Golden — **Moorpark**

CHERRY — SOUR
Two Year on Mahaleb

	Per10	Per 100
5 ft. and up, 1 in. and up	$13.50	$120.00
4 ft. and up, 11/16 to 1 in.	12.00	110.00

Early Richmond — **English Morello** — **Montmorency**

CHERRY — IMPROVED BESSEY

Prunus besseyi Improved. Referred to as Hansen Bush Cherry. The fruit is large and sweet and shaped like a plum. Very hardy, and bears well in poor soil. Will bear fruit the first year planted.

	Per 10	Per 100	Per 1000
2 to 3 ft. transplants	$ 4.00	$ 35.00	$300.00
18 to 24 in. transplants	3.30	28.00	250.00

PEACH

ONE YEAR	Per 10	Per 100	Per 1000
4 ft. and up, 9/16 to 11/16 in.	$ 7.00	$ 65.00	$600.00
3 ft. and up, 7/16 to 9/16 in.	6.00	55.00	500.00
2 ft. and up, 5/16 to 7/16 in.	4.50	40.00	350.00

Early Crawford
Elberta
Fertile Hale
Frank
Hale Haven
Heath Cling
Indian Cling
J. H. Hale
Mayflower
Polly
Red Haven
Southhaven
Sunhaven
Valiant
Vedette
Veteran

PEAR — STANDARD

TWO YEAR	Per 10	Per 100
4½ ft. and up, 11/16 in. and up	$11.00	$100.00
4 ft. and up, 9/16 to 11/16 in.	9.00	85.00

ONE YEAR	Per 10	Per 100	Per 1000
3 ft. and up, lightly br. and wh.	$ 6.00	$ 55.00	$500.00
2 ft. and up, lightly br. and wh.	4.00	35.00	300.00

Douglas
Duchess d'Angouleme
Golden Spice
Gorham
Kieffer
Lincoln
Mendel
Orient
Patten

PEAR — DWARF

TWO YEAR	Per 10	Per 100
4 ft. and up, 11/16 in. and up	$16.50	$150.00
3½ ft. and up, 9/16 to 11/16 in.	14.00	125.00
3 ft. and up, 7/16 to 9/16 in.	11.00	100.00

Clapp Favorite **Kieffer** **Seckel**

PLUM — One Year
AMERICAN and HARDY HYBRIDS
(On Native Roots)

	Per 10	Per 100
4 ft. and up, 9/16 to 11/16 in.	$ 9.00	$ 85.00
3 ft. and up, 7/16 to 9/16 in.	7.50	70.00
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00

Compass — **Purple Red**
Ember — **Yellow Red Blush**
Hanska — **Red**
Oka — **Reddish Purple**
Opata — **Reddish Purple**
Red Coat — **Red**
Superior — **Red**
Toka — **Apricot**

Fruit Tree Scion Orchard **Photo. December 12, 1957**

THE HEART OF A PRODUCTION NURSERY

Whatever name may be applied; "Stool Block", "Scion Orchard", etc., EFFECTIVE NURSERY PRODUCTION evolves from plants **set apart for reproduction purposes.**

We have long realized that the "LIFE-BLOOD" of nursery production stems from a carefully planned and meticulously maintained "Stool Block."

Our blocks are continually checked for trueness of names and vigor of plants. Sanitary measures and isolation principles are rigorously followed. Our plant list is constantly being expanded with new or improved varieties. "Mother Plant" source is made a part of our permanent stock records.

We know that the acres we have set aside for "Stool Blocks" are our most important NURSERY PRODUCTION ASSET and YOUR surest index to **quality nursery plants.**

SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS

	Per 100	Per 1000
ASPARAGUS, Tied 25 per bundle.		
Mary Washington		
2 yr. No. 1	$ 2.80	$ 25.00
1 yr. No. 1	1.80	16.00
BLACKBERRY, Tied 25 per bundle.		
Alfred, Early, large fruit, long bearing. No. 1	6.50	60.00
Ancient Britton, No. 1	6.50	60.00
Early Harvest, Very early. No. 1	6.50	60.00
Eldorado, Late midseason. Excellent. No. 1	6.50	60.00
BOYSENBERRY		
Thornless, Tip plants	7.00	65.00
CURRANT, Tied No. 1, 25; No. 2, 50 per bundle.		
Cherry, dark red.		
2 yr. No. 1	18.00	160.00
2 yr. No. 2	14.00	120.00
Fay, dark red		
2 yr. No. 1	18.00	160.00
Perfection, bright red.		
2 yr. No. 1	21.00	180.00
Red Lake, light red berries in long clusters. Thrifty and extremely productive.		
2 yr. No. 1	21.00	180.00
2 yr. No. 2	16.00	140.00
DEWBERRY		
Lucretia, R. C. plants No. 1	5.00	45.00
GOOSEBERRY, Tied 25 per bundle.		
Champion, green.		
2 yr. No. 1	30.00	270.00
Downing, pale green.		
2 yr. No. 1	33.00	300.00
Houghton, dark red.		
2 yr. No. 1	29.00	250.00
Pixwell, large red fruit borne on long stems, Vigorous grower. Very hardy.		
2 yr. No. 1	35.00	315.00
GRAPE VINES, Tied; 2 yr. No. 1, 50; 2 yr. No. 2, 100 per bundle.		
Agawam, large red.		
2 yr. No. 1	18.00	160.00
2 yr. No. 2 or 1 year No. 1	14.00	120.00
Beta, black, extremely hardy.		
2 yr. No. 1	18.00	160.00
2 yr. No. 2 or 1 year No. 1	14.00	120.00
Caco, red, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens September first.		
2 yr. No. 1	22.00	200.00
2 yr. No. 2 or 1 year No. 1	18.00	160.00
Carmen, red, excellent quality fruit.		
2 yr. No. 2 or 1 yr. No. 1	18.00	160.00
Catawba, red, standard grape for white vine. Vines vigorous, hardy, productive.		
2 yr. No. 1	18.00	160.00
2 yr. No. 2 or 1 yr. No. 1	14.00	120.00
Concord, black. Large bunches of tender, juicy fruit.		
2 yr. No. 1	18.00	150.00
2 yr. No. 2 or 1 year No. 1	14.00	110.00
Delaware, red. Yield similar to Concord under good management.		
2 yr. No. 1	22.00	200.00
2 yr. No. 2 or 1 year No. 1	18.00	160.00

SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS— Continued

GRAPE VINES—Continued

	Per 100	Per 1000
Fredonia, black. Early. Three weeks ahead of Concord Large clusters of deliciously flavored fruit. Vigorous and very hardy.		
2 yr. No. 1	$18.00	$160.00
2 yr. No. 2 or 1 yr. No. 1	14.00	120.00
Golden Muscat, large golden grape of California type. Very sweet. Large bunches. Hardy in Middle West.		
1 yr. No. 1	50.00	-----
Moore Early, black.		
2 yr. No. 1	18.00	160.00
Niagara, white. Tangy, flavorful fruit. Large bunches.		
2 yr. No. 1	18.00	160.00
2 yr. No. 2 or 1 yr. No. 1	14.00	120.00
Scuppernong, reddish brown.		
2 yr. No. 2 or 1 yr. No. 1	40.00	-----
Sheridan, black, ripens one week earlier than Concord, of better flavor and is an excellent keeper..		
2 yr. No. 1	22.00	-----
2 yr. No. 2 or 1 year No. 1	18.00	-----

HORSERADISH

Crowns	7.00	65.00
Cuttings	4.00	35.00

RASPBERRY, Tied 25 per bundle.

Blackhawk, new, hybrid black, originated by Iowa State College. Large, juicy, and rich flavor.		
No. 1 tips	17.50	150.00
Bristol, midseason, large, juicy, black.		
No. 1 tips	8.00	70.00
Chief, early red, Latham seedling.		
No. 1 suckers	8.50	80.00
Cumberland, black cap, big and juicy.		
No. 1 tips	7.00	65.00
Indian Summer, large high-quality, everbearing red.		
No. 1 suckers	9.00	85.00
Latham, late, large, productive red.		
No. 1 suckers	8.50	80.00
Morrison, new black cap. Larger than Cumberland. Vigorous and disease resistant.		
No. 1 tips	8.00	70.00
Sodus, late, very large purple raspberry. Extremely productive.		
No. 1 tips	8.50	75.00
Sunrise, early red. Fruit juicy and firm.		
No. 1 suckers	8.50	80.00

RHUBARB

	Per 10	Per 100
Chipman Canada Red, sweet and excellent flavor. Stem dark red throughout. No. 1 division	$ 4.50	$ 40.00

Victoria, whole root.	Per 100	Per 1000
2 yr. 1 to 1½ in.	$ 8.00	$ 75.00
1 yr. ⅝ to 1 in.	6.50	60.00
1 yr. ½ to ⅝ in.	4.50	40.00

NUT, ORNAMENTAL and SHADE TREES

Our nut, shade and ornamental trees are first class, well shaped, young, and vigorous. They have been grown from seedlings transplanted into the nursery row especially for this purpose, and from buds or grafts.

All calibers are taken 6 inches above the collar. Size listed following the name is the considered average mature size normally attained.

ACER

	Per 10	Per 100	Per 1000
ginnala. Amur Maple. 20 feet. Zone 2.			
Dense shrub or small tree. Fruits turn bright red in summer. Entire plant becomes a mass of scarlet in autumn.			
3 to 4 ft.	$11.00	$100.00	$ -----
4 to 5 ft.	16.50	-----	-----
platanoides. Norway Maple. 90 feet. Zone 3.			
Round headed tree having large, deep green leaves. Outstanding clear yellow fall leaf coloration. Very hardy and transplants easily.			
4 to 5 ft. whips	5.50	50.00	450.00
5 to 6 ft. whips	8.50	80.00	750.00
6 to 7 ft. whips	11.00	100.00	900.00
6 to 8 ft. branched	28.00	250.00	-----
8 to 10 ft. branched	35.00	325.00	-----

platanoides Crimson King. Crimson King Maple. Pat. No. 735. Zone 4.

Hardy, improved form of Schwedler Maple. Leaves deep purplish red throughout entire spring and summer.

	10-49 each	50-100 each
4 to 5 ft. whips	$ 1.65	$ 1.45
6 to 7 ft. whips	2.60	2.30
7 to 8 ft. whips	3.15	2.85
8 to 9 ft. whips	3.65	---

	Per 10	Per 100	Per 1000
platanoides Faassen Redleaf. Faassen Redleaf Maple. Zone 4.			
A red-leaf Maple that retains its color throughout the summer months. Similar to Crimson King but without patent.			
4 to 5 ft. whips	$14.00	$125.00	$ -----
5 to 6 ft. whips	16.50	150.00	-----
5 to 6 ft. branched	32.50	300.00	-----
6 to 8 ft. branched	47.50	450.00	-----

platanoides Pyramidal. Pyramidal Norway Maple. Zone 3.

A new, long-lived tree of pyramidal habit. A valuable "streamlined tree for city planting", accent and screen.

	Per 10	Per 100
5 to 6 ft. whips	$25.00	$225.00

NUT, ORNAMENTAL and SHADE TREES—Continued

ACER—Continued

platanoides Schwedler. Schwedler Maple. 40-50 feet. Zone 4.

Perfectly shaped tree of purplish red leaves in spring and early summer. Golden yellow leaf coloration in autumn.

	Per 10	Per 100	Per 1000
4 to 5 ft. whips	$12.50	$115.00	$ _____
5 to 6 ft. whips	15.50	140.00	_____
6 to 7 ft. whips	21.00	190.00	_____
8 to 10 ft. branched	40.00	375.00	_____

platanoides Variegated. Silver Variegated Norway Maple. 50 feet. Zone 4.

Western variety. Green leaves with large white blotches.

5 to 6 ft. whips	25.00	225.00	_____
6 to 7 ft. whips	30.00	275.00	_____

rubrum. Red Maple. 120 feet. Zone 3.

A fast growing, round headed tree producing conspicuous red flowers in early spring and early, brilliant fall leaf coloration.

5 to 6 ft. branched	30.00	_____	_____
6 to 8 ft. branched	35.00	_____	_____

saccharinum. Silver Maple. 120 feet. Zone 3.

Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.

4 to 5 ft.	6.50	60.00	550.00
5 to 6 ft.	10.00	90.00	800.00
6 to 8 ft.	15.50	140.00	_____
1¼ to 1½ in.	30.00	_____	_____

saccharum. Sugar Maple. 120 feet. Zone 3.

Beautiful round headed, hard-wooded shade tree. Fall leaf coloration of yellow to bright orange and scarlet.

5 to 6 ft., branched	25.00	225.00	_____

BETULA

pendula. European White Birch. 50-60 feet. Zone 2.

Exceedingly graceful tree with slightly pendulous branches. White bark.

5 to 6 ft.	16.50	150.00	_____
6 to 8 ft.	22.50	200.00	_____
8 to 10 ft.	30.00	_____	_____

pendula. Clump Form European White Birch. 20-25 feet. Zone 2.

Beautiful form of White Birch having three or more main trunks from the ground.

5 to 6 ft.	30.00	275.00	_____

pendula gracilis. Cutleaf European White Birch. 30-40 feet. Zone 2.

Very slender pendulous branches with laciniate leaves very finely cut.

	Per 10	Per 100
4 to 5 ft.	$18.00	$165.00
5 to 6 ft.	25.00	225.00
6 to 8 ft.	32.50	300.00

CELTIS

occidentalis. Common Hackberry. 50-70 feet. Zone 2.

Well formed shade tree of good foliage and dense habit.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 8.00	$ _____	$ _____
5 to 6 ft.	12.00	_____	_____

NUT, ORNAMENTAL and SHADE TREES—Continued

CORNUS

florida. Flowering Dogwood. 30-40 feet. Zone 4.

One of the best and most interesting ornamentals. Seasonally is of special interest because of flower, foliage, brilliant fall color, and branching.

	Per 10	Per 100	Per 1000
18 to 24 in.	$ 8.50	$ 80.00	$ _____
2 to 3 ft.	13.50	125.00	_____
3 to 4 ft.	19.00	175.00	_____

florida rubra. Redflowering Dogwood. 40 feet. Zone 4.

The redflowering Dogwood is especially striking when grown with and in front of the white Flowering Dogwood.

18 to 24 in.	21.00	180.00	_____
2 to 3 ft.	25.00	225.00	_____
3 to 4 ft.	30.00	275.00	_____

CRATAEGUS

oxyacantha. English Hawthorn. 15 feet. Zone 4.

Thorny branches spreading into a round headed dense tree. Scarlet fruit.

18 to 24 in.	16.50	150.00	_____
2 to 3 ft.	21.00	180.00	_____
3 to 4 ft.	25.00	_____	_____

oxyacantha pauli. Paul's Scarlet Hawthorn. 12-15 feet. Zone 4.

Flowers are double bright scarlet. One of the most showy of all the Hawthorn.

6 to 7 ft.	30.00	275.00	_____

phaenopyrum. Washington Hawthorn. 30 feet. Zone 4.

Upright, dense habit. Blooms profusely and displays a brilliant autumn color.

3 to 4 ft.	25.00	225.00	_____
4 to 5 ft.	32.50	_____	_____
5 to 6 ft.	40.00	_____	_____

ELAEAGNUS

augustifolia. Russian Olive. 20-25 feet. Zone 2.

Very hardy small tree of attractive silvery gray foliage. Flowers are followed by conspicuous grayish white berries.

3 to 4 ft.	6.50	60.00	_____
4 to 5 ft.	8.50	80.00	_____
5 to 6 ft.	11.00	_____	_____

FRAXINUS

pennsylvanica lanceolata. Green Ash. 50-60 feet. Zone 2.

Shapely, round-headed tree with slender spreading branches. Very hardy.

4 to 5 ft.	8.00	75.00	_____
5 to 6 ft.	11.00	100.00	_____
6 to 8 ft.	17.50	160.00	_____
8 to 10 ft.	25.00	225.00	_____

GLEDITSIA

triacanthos inermis Moraine. Moraine Honeylocust.

This variety of Honeylocust tree is a patented variety covered by United States Plant Patent No. 836 and is being handled under license from the patent owner. A new vase form, thornless, seedless and a hardy tree. Resistant to disease and insect damage.

	10-49 each
6 to 8 ft. branched 2 yr. top	$ 5.50
8 to 10 ft. branched 2 yr. top	7.75

NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA—Continued

triacanthos inermis Skyline. (Plant Patent Pending)

Skyline is a stately and unusual variety with distinctive pyramidal form. Branches are uniformly spaced and arranged and diverge from the trunk at a wide angle. Foliage is dark green and of a heavy, leathery texture.

	10-29 each	30-99 each	100-299 each
5 to 6 ft. branched 2 yr.	$3.50	$ 3.15	-----
6 to 8 ft. branched 2 yr.	4.40	4.00	3.65

GYMNOCLADUS

	Per 10	Per 100	Per 1000
dioicus. Kentucky Coffeetree. 90 feet. Zone 4.			
Large branching, open, picturesque habit. Particularly interesting during the long winter months.			
3 to 4 ft.	$12.50	$110.00	$ -----
4 to 5 ft.	16.50	150.00	-----
5 to 6 ft.	22.00	-----	-----

MAGNOLIA

soulangeana. Saucer Magnolia. 20-25 feet. Zone 5.

Large white to purple flowers, 5-10 inches in diameter, cup-shaped, appear before the leaves.

2 to 3 ft. B&B	37.50	350.00	-----
3 to 4 ft. B&B	47.50	450.00	-----
4 to 5 ft. B&B	60.00	575.00	-----

MALUS. Ornamental Crabapple.

Hopa. Single. 30 feet. Zone 4.

Hopa combines profuse flowers and colorful fruit in an outstanding dual purpose tree. Fragrant carmine red buds and flowers. Tree is hardy and disease resistant. Annual blooming habit.

2 to 3 ft.	6.00	55.00	-----
3 to 4 ft.	8.50	80.00	-----
4 to 5 ft.	11.00	100.00	-----
3 to 4 ft. whips	7.00	65.00	-----
4 to 5 ft. whips	9.00	85.00	-----

pumila niedzwetzkyana. Red -Vein Crabapple. Single. 25 feet.

A fine ornamental with large flowers and fruit of unique purplish red. Dark reddish foliage.

4 to 5 ft.	11.00	-----	-----
5 to 6 ft.	15.00	-----	-----

purpurea eleyi. Eley Crabapple.

Single flowers are slightly darker and foliage much darker than that of Malus purpurea. Reddish purple fruit.

2 to 3 ft.	6.00	55.00	-----
3 to 4 ft.	8.50	80.00	-----

ORNAMENTAL CRABAPPLE ON DWARFING UNDERSTOCK

Hopa	Per 10
3 to 4 ft.	$17.50
4 to 5 ft.	22.50
5 to 6 ft.	25.00

These are of heavy caliber. The 5 to 6 ft. trees will run 1 to 1½ inches.

NUT, ORNAMENTAL and SHADE TREES—Continued

MALUS—Continued

Prices Following Varieties.	Per 10	Per 100
2 to 3 ft.	$14.00	$125.00
3 to 4 ft.	15.50	140.00
4 to 5 ft.	17.50	____

II. Pink Flowers

Evelyn. S.
A natural hybrid between M. ioensis and purpurea. Fruit yellow and red.

V. Carmine Buds and Flowers, Fading to Dull Pink

Almey. S.
Retains fruits of bright red most of the winter. Flowers do not fade as much as most of the Rosyblooms.

purpurea lemoinei. Lemoine Crabapple. S. 25 feet. Zone 4.
An excellent variety with dark red flowers and red fruit. Annual blooming.

VI. Purplish Red Flowers

Cowichan. S. 40 feet. Zone 4.
Autumn foliage red. Excellent jelly fruit. One of the best Rosyblooms. Annual blooming.

Jay Darling S.
Produces round purplish red fruit considerably larger than that of the Red-Vein Crabapple although frequently confused with the Red-Vein.

Makamik. S. 40 feet. Zone 4.
One of the latest of the Rosyblooms to flower. Bronze foliage. Annual blooming.

Oekonomierat Echtermeyer. S. 15 feet. Zone 4.
Semi-weeping habit. Foliage bronze green. Annual blooming.

	4/5'	3/4'	2/3'
Evelyn	X	X	X
Almey	__	X	X
purpurea lemoinei	X	X	X
Cowichan	__	X	X
Jay Darling	__	X	X
Makamik	__	X	X
Oekonomierat Echtermeyer	__	X	X

PLATANUS

	Per 10	Per 100	Per 1000
occidentalis. American Planetree. 120-150 feet. Zone 5.			
Large, round headed tree making an excellent street tree where space permits. Foliage is a maple-like leaf of 5-10 inches wide. Bark peals in flakes.			
5 to 6 ft.	$11.00	$100.00	$ ____
6 to 8 ft.	19.00	175.00	____
8 to 10 ft.	28.00	250.00	____

POPULUS

alba bolleana. Bolleana Poplar. 50-60 feet. Zone 3.			
A quick growing columnar tree with silver-like foliage.			
5 to 6 ft.	10.00	90.00	____
canadensis eugenei Norway. Norway Poplar. 75 feet.			
Tall growing pyramidal tree, hardy and of neat habit.			
5 to 6 ft.	5.50	50.00	____
6 to 8 ft.	8.00	75.00	____
8 to 10 ft.	11.00	100.00	____

NUT, ORNAMENTAL and SHADE TREES—Continued

POPULUS—Continued

nigra italica. Lombardy Poplar. 90 feet. Zone 2.

Rapid spire-like growth. Fine for screens and formal plantings.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 2.80	$ 25.00	$225.00
5 to 6 ft.	4.20	38.00	350.00
6 to 8 ft.	6.00	55.00	500.00
8 to 10 ft.	7.00	65.00	600.00
1¼ to 1½ in.	8.50	80.00	-----

	Per 10	Per 100	Per 1000
simoni. Chinese Poplar. 50 feet. Zone 2.			
A hardy pyramidal tree. Habits similar to Lombardy. Small light green leaves. Vigorous grower.			
4 to 5 ft.	$ 5.00	$ 45.00	$ -----
5 to 6 ft.	7.00	65.00	-----
6 to 8 ft.	10.00	90.00	-----
8 to 10 ft.	15.50	140.00	-----
1¼ to 1½ in.	18.50	-----	-----

PRUNUS

americana Newport. Purple-leaved Plum 15 feet. Zone 3.

A large, hardy shrub or small tree with upright growth and distinctive purplish red foliage. On native plum.

2 to 3 ft.	6.50	60.00	-----
3 to 4 ft.	11.00	100.00	-----

cerasifera pissardi rosea. 20 feet. Zone 3.

Deep bronze purple foliage. Single pink flowers in late April.

2 to 3 ft.	8.00	75.00	-----
3 to 4 ft.	14.00	125.00	-----

cerasifera pissardi veitchi. 20 feet. Zone 3.

Bronze colored foliage. Plant is completely covered with large clusters of double pink blooms in early spring.

2 to 3 ft.	8.00	75.00	-----
3 to 4 ft.	14.00	125.00	-----
4 to 5 ft.	16.50	150.00	-----

padus. European Birdcherry. 45 feet. Zone 3.

Frequently called "May Day Tree". Produces fragrant flowers in drooping loose racemes followed by black fruit.

2 to 3 ft.	8.50	80.00	-----
3 to 4 ft.	11.00	100.00	-----

persica. Flowering Peach (tree form on peach). 15-18 feet. Zone 5.

Iceberg, early, snow white
Peppermint Stick, double white mottled pink
Pink Charming, double pink

2 to 3 ft.	4.50	40.00	-----
3 to 4 ft.	6.50	60.00	-----
4 to 5 ft.	9.00	85.00	-----
5 to 6 ft.	12.00	100.00	-----

NUT, ORNAMENTAL and SHADE TREES—Continued

QUERCUS PALUSTRIS

An excellent block of Pin Oak going strongly to 5 to 6 and 6 to 8 foot trees. Picture illustrates winter protection provided by the plowed-in "rabbit fence."

Photo. Dec. 12, 1957

QUERCUS

palustris. Pin Oak. 75 feet. Zone 4.

A broadly pyramidal tree of dense branching habit. Branches droop slightly. Leaves of deep green, glossy and finely divided. Orange-scarlet autumn coloration. A most desirable shade tree but requires ample space.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$16.50	$150.00	$ -----
5 to 6 ft.	24.00	200.00	1750.00
6 to 8 ft.	32.50	300.00	2750.00
8 to 10 ft.	45.00	400.00	-----

SALIX

	Per 10	Per 100	Per 1000

alba tristis. Niobe Willow. 50 feet. Zone 2.

Extremely hardy "Golden Weeping Willow" of exceptional grace and beauty.

5 to 6 ft.	$10.00	$ 90.00	$ -----
6 to 8 ft.	14.00	125.00	1100.00
8 to 10 ft.	19.00	175.00	-----

NUT, ORNAMENTAL and SHADE TREES—Continued

SALIX—Continued

	Per 10	Per 100	Per 1000
alba vitellina. Russian Golden Willow. 30 feet. Zone 2.			
One of the best upright willows for landscape planting. Twigs very colorful during winter months. One of the best windbreak trees.			
3 to 4 ft.	$ 2.50	$ 20.00	$ -----
4 to 5 ft.	4.50	40.00	-----
5 to 6 ft.	5.50	50.00	-----
6 to 8 ft.	6.50	60.00	-----
babylonica Babylon Weeping Willow. 30 feet. Zone 5-6.			
One of the best of the weeping willows where ever hardy. Bright green foliage.			
5 to 6 ft.	10.00	90.00	850.00
6 to 8 ft.	14.00	125.00	1100.00
8 to 10 ft.	19.00	175.00	-----

blanda. Wisconsin Weeping Willow. 40 feet. Zone 4.

A very hardy, popular, free-barked weeping willow. Wide-spreading head. Long drooping branches are extremely graceful.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 5.50	$ 50.00	$ -----
5 to 6 ft.	10.00	90.00	850.00
6 to 8 ft.	14.00	125.00	1100.00
8 to 10 ft.	19.00	175.00	-----

	Per 10	Per 100	Per 1000
discolor French Pink. French Pink Pussy Willow.			
An extremely fine Pussy Willow of interesting wood and outstanding pinkish catkins.			
12 to 18 in.	$ 2.50	$ 22.00	$ -----
18 to 24 in.	3.50	30.00	-----
2 to 3 ft.	4.50	-----	-----
pentandra. Laurel Leaf Willow. 60 feet. Zone 4.			
Round headed tree producing lustrous dark green leaves, brownish shiny twigs. One of the best for ornamental planting.			
4 to 5 ft.	4.50	40.00	-----
5 to 6 ft.	8.00	75.00	-----

SORBUS

aucuparia. European Mountainash. 45 feet. Zone 2.			
A smooth barked tree having a dense, pyramidal head. Bright red-orange berries are produced in large clusters.			
4 to 5 ft.	17.50	160.00	-----
5 to 6 ft.	22.50	200.00	-----
6 to 8 ft.	27.50	250.00	-----

ULMUS

americana. American Elm. 100-120 feet. Zone 2			
A stately tree of unique vase-shaped form with widely arching branches.			
4 to 5 ft.	5.50	50.00	-----
5 to 6 ft.	8.00	75.00	700.00
6 to 8 ft.	12.00	110.00	1000.00
8 to 10 ft.	18.00	165.00	1500.00

NUT, ORNAMENTAL and SHADE TREES—Continued

ULMUS—Continued

americana Moline. Moline Elm. 80-100 feet. Zone 2.

Narrow pyramidal rapid-growing tree with large, handsome green foliage. Uniform tree for street or drive planting.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 8.00	$ 75.00	$ -----
5 to 6 ft.	12.00	110.00	-----
6 to 8 ft.	16.50	150.00	-----
8 to 10 ft.	22.00	200.00	-----

Hybrid. Hybrid Elm. 60 feet. Zone 4.

Hybrid of americana and pumila budded on pumila. Large dark green leaves.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$12.00	$110.00	$1000.00
5 to 6 ft.	16.50	150.00	1350.00
6 to 8 ft.	27.50	250.00	2250.00
8 to 10 ft.	37.50	350.00	-----

pumila. Siberian Elm. 75 feet. Zone 4.

A hardy, rapid-growing tree. Small dense foliage. Drought resistant.

4 to 5 ft.	4.00	35.00	300.00
5 to 6 ft.	7.00	65.00	600.00

EXPANSION OF COMMON AND REFRIGERATED STORAGE

Expanded facilities for both storage and processing have been completed for use this season. The above addition is a basement and first floor structure which approximately doubles previous square footage, and provides 5 times previous refrigerated capacity. Under-cover truck and rail car loading capacity have been increased several times. **Photo. Dec. 12, 1957**

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the beginning of bloom period; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in. and 2/3 ft., 10; and 3/4 and 4/5 ft. 5 per bundle. WE DO NOT BREAK BUNDLES.

AMORPHA

fruticosa. Indigobush Amorpha. June. 12 feet. Zone 4.

Purple-blue flowers are borne in clustered spikes. Provides a distinctitve and attractive display.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3.50	$ 30.00	$ _____
18 to 24 in.	4.50	40.00	_____
2 to 3 ft.	5.50	50.00	_____

BERBERIS

mentorensis. Mentor Barberry. May. 5 feet. Zone 5.

A cross between thunbergi and julianae, mentorensis is a strong, upright growing plant of heavy, dark green foliage. Survives cold as well as very hot, dry conditions.

12 to 15 in.	4.50	40.00	_____

thunbergi. Japanese Barberry. May. 6 feet. Zone 5.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries. Showy in winter.

15 to 18 in.	3.20	28.00	250.00
18 to 24 in.	4.50	40.00	350.00
2 to 2½ ft.	5.50	50.00	450.00

thunbergi atropurpurea. Redleaf Japanese Barberry. May. 6 feet. Zone 5.

Warm bronze-red foliage in a sunny exposure. Intensified in summer and fall. Brilliant accent as a sheared or natural specimen.

	Per 10	Per 100	Per 1000
12 to 15 in.	$ 4.00	$ 35.00	$ _____
15 to 18 in.	5.00	45.00	_____
18 to 24 in.	6.00	55.00	_____
2 to 2½ ft.	7.00	65.00	_____

thunbergi erecta. Truehedge Columnberry. May. 6 feet. Zone 5.

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.

	Per 10	Per 100	Per 1000
12 to 15 in.	$ 3.00	$ 25.00	$ _____
15 to 18 in.	3.50	33.00	_____
18 to 24 in.	4.50	40.00	_____

BUDDLEIA

Butterflybush. July. 4-5 feet. Zone 5.

Cut tops back severely when planting for best results.

Medium	3.20	28.00	250.00
No. 1	3.80	33.00	300.00

Varieties are available at above prices.

Charming, 5-6 feet.

Unusually large compact spikes of pink flowers with lavender cast. Blooms all summer. A striking plant in any landscape. One of the best pinks.

Dubonnet, 4-5 feet.

The new red Butterflybush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

Floralart, 4-5 feet.

Handsome orchid-lavender flowers in large, full, very compact spikes.

Hartweg, 4-5 feet.

Flowers bright lavender. Foliage dark green. Compact habit.

White Cloud, 3-4 feet.

Neat compact plant. Compact spikes well filled to the ends.

ORNAMENTAL SHRUBS—Continued

CALLICARPA

	Per 10	Per 100	Per 1000
dichotoma. Purple Beautyberry. July. 4 feet. Zone 5.			
Large showy clusters of metalic-purple berries follow pink flowers.			
12 to 18 in.	$ 3.50	$ 30.00	$ -----
18 to 24 in.	4.50	40.00	-----
2 to 3 ft.	5.50	50.00	450.00

CALYCANTHUS

floridus. Common Sweetshrub. May. 8 feet. Zone 4.

Unusual dark reddish brown, fragrant flowers. Dense habit. Glossy green foliage is aromatic when crushed.

18 to 24 in.	6.50	60.00	-----
2 to 3 ft.	8.00	75.00	-----

CARAGANA

arborescens. Siberian Peashrub. May. 15-20 feet. Zone 2.

Produces clusters of yellow, pea-like flowers in midst of small, light green foliage. Completely hardy. Valuable in groups or as specimen.

12 to 18 in.	2.50	22.00	-----
18 to 24 in.	3.50	30.00	-----
2 to 3 ft.	4.50	40.00	-----

CARYOPTERIS

clandonensis. Blue Mist. August. 4 feet. Zone 5.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate, slightly toothed and silvery green in color. Hardy but dies back to ground in north.

	Per 10	Per 100	Per 1000
Medium	$ 2.90	$ 25.00	$220.00

CHAENOMELES

	Per 10	Per 100	Per 1000
japonica. Japanese Flowering Quince. May. 3 feet. Zone 4.			
Cutting grown plants producing clusters of orange-scarlet flowers. Spicily fragrant rounded fruits. Dark shiny foliage. Bushy, dense growth.			
12 to 18 in.	$ 3.50	$ 30.00	$ -----
18 to 24 in.	4.50	40.00	-----
2 to 3 ft.	5.50	50.00	-----

CORNUS

alba sibirica. Siberian Dogwood. May. 9 feet. Zone 2.

Stout, erect, bright red branches. White flowers are followed by porcelain-blue berries. Outstandingly effective for winter color.

12 to 18 in.	3.50	30.00	-----
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	-----

baileyi. Bailey Dogwood. May. 10 feet. Zone 4.

A large shrub with dark green foliage contrasting to dark reddish branches. White flowers are followed by white fruit. Red autumn foliage color.

12 to 18 in.	3.50	30.00	-----
18 to 24 in.	5.00	45.00	-----
2 to 3 ft.	6.00	55.00	-----

ORNAMENTAL SHRUBS—Continued

CORNUS—Continued

	Per 10	Per 100	Per 1000
racemosa. Gray Dogwood. June. 15 feet. Zone 4.			
Flowers are creamy white in flat clusters. White berries are carried on distinctive red stalks. Stands shearing well therefore is useful as a dense barrier.			
12 to 18 in.	$ 3.50	$ 30.00	$ -----
18 to 24 in.	5.00	45.00	-----
2 to 3 ft.	6.00	55.00	-----
stolonifera. Redosier Dogwood. May. 7 feet. Zone 2.			
Attractive medium sized shrub particularly valued for brilliant red winter twigs. Small dull white flowers are followed by white berries.			
2 to 3 ft.	5.50	50.00	450.00
3 to 4 ft.	7.00	-----	-----
stolonifera flaviramea. Yellowtwig Dogwood. May. 7 feet. Zone 2.			
A striking yellow-branched form of stolonifera, highly decorative.			
12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	-----	-----

COTONEASTER

divaricata. Spreading Cotoneaster. May. 6 feet. Zone 5.			
Pink flowers are followed by red fruit in fall and winter. Foliage semi-evergreen turning dull red in autumn. Plant of graceful, spreading habit.			
12 to 18 in.	5.50	50.00	-----
18 to 24 in.	8.00	75.00	-----

DEUTZIA

gracilis. Slender Deutzia. May. 3 feet. Zone 4.			
Dwarf free flowering shrub with slender arching branches. Bears a profusion of small snow white flowers.			
9 to 12 in.	2.90	25.00	210.00
12 to 15 in.	5.00	45.00	400.00

lemoinei. Lemoine Deutzia. May. 7 feet. Zone 4.

Very floriferous, semi-dwarf hybrid variety. Creamy white flowers in upright racemes. Distinctly different.

	Per 10	Per 100	Per 1000
12 to 15 in.	$ 3.50	$ 30.00	$250.00
15 to 18 in.	4.40	38.50	350.00

scabra Pride of Rochester. 6-8 feet. May. Zone 5.	Per 10	Per 100	Per 1000
Double white flowers remain effectively in bloom for a good period. Pride of Rochester is earlier to bloom than other varieties.			
12 to 18 in.	$ 2.90	$ 25.00	$220.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00

EUONYMUS

atropurpureus. Eastern Wahoo. May. 12-15 feet. Zone 3.			
Hardy vigorous shrub. Prolific production of berries. Attractive fall foliage coloration.			
12 to 18 in.	3.20	-----	-----
18 to 24 in.	4.50	-----	-----

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

fortunei radicans erecta. Upright Common Wintercreeper. 3 feet. Zone 5.
One of the most strikingly beautiful plants for hedge or specimen that we have observed in Shenandoah. Requires little or no shearing to maintain it in a pleasing state. Foliage is shiny, dark green and evergreen.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 4.00	$ 35.00	$300.00
12 to 15 in.	5.50	50.00	450.00
15 to 18 in.	7.00	65.00	600.00
18 to 24 in.	8.50	80.00	750.00
2 to 2½ ft.	10.00	95.00	900.00

kiautschovica. Spreading Euonymus. 9 feet. Zone 6.
Somewhat similar to but hardier than the evergreen Euonymus japonica. Leaves are lighter green and not thick. Half evergreen in north. Fruit pinkish to red capsules especially attractive in October and November.

	Per 10	Per 100	Per 1000
12 to 15 in.	$ 5.50	$ 50.00	$ -----
15 to 18 in.	7.00	65.00	-----
18 to 24 in.	8.50	80.00	-----
2 to 2½ ft.	11.00	-----	-----

FORSYTHIA

Arnold Dwarf
A new dwarf type with excellent foliage.

12 to 15 in.	4.00	-----	-----
15 to 18 in.	5.00	-----	-----

intermedia spectabilis. Showy Border Forsythia. April. 8-9 feet. Zone 5.
Deep yellow flowers produced in abundance. Upright habit of growth makes this an excellent specimen.

12 to 18 in.	3.50	30.00	-----
18 to 24 in.	5.00	45.00	-----
2 to 3 ft.	6.00	55.00	-----
3 to 4 ft.	7.50	70.00	-----

Lynwood Gold. April. 6-8 feet. Zone 4.
Erect branches are covered with golden yellow blooms in early April. Superb for cutting and flowering in the house during the winter.

12 to 18 in.	4.50	40.00	350.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00

ovata. Early Forsythia. April. 6-8 feet. Zone 4.
The earliest bloom and also the hardiest Forsythia. Good yellow blooms.

12 to 15 in.	4.00	35.00	-----
15 to 18 in.	5.00	45.00	-----
18 to 24 in.	6.00	50.00	-----
2 to 2½ ft.	7.50	70.00	-----

Spring Glory. April. 7-8 feet. Zone 4.
A new Forsythia which is, without a doubt, the loveliest of all. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3.50	$ 30.00	$ -----
18 to 24 in.	5.00	45.00	-----
2 to 3 ft.	6.00	55.00	-----
3 to 4 ft.	7.50	70.00	-----

ORNAMENTAL SHRUBS—Continued

FORSYTHIA—Continued

	Per 10	Per 100	Per 1000
suspensa fortunei. Fortune Weeping Forsythia. April. 8-9 feet. Zone 5.			
A vigorous upright shrub with slightly drooping branches. Golden yellow flowers.			
12 to 18 in.	$ 3.50	$ 30.00	$ -----
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00

HIBISCUS

syriacus. Shrubathea. August. 10-12 feet. Zone 5.

Large desirable shrub for specimen, group and screen planting.

12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	4.00	35.00	300.00
2 to 3 ft.	5.00	45.00	400.00
3 to 4 ft.	6.50	60.00	550.00

Following varieties at above prices.

Anemone, double pink
Boule de Feu, double purplish-red
Jeanne de Arc, double, pure white
Purpurea Semi-Plena, semi-double, clear purple
Snowdrift, single, white

HYDRANGEA

arborescens grandiflora. Snowhill Hydrangea. July. 3-5 feet. Zone 4.

Upright, dense growing shrub with creamy white flowers in large rounded clusters about 6 inches in diameter. Easily grown, popular shrub particularly adapted to shade or semi-shade situations.

12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	5.50	50.00	-----

macrophylla Nikko Blue. Nikko Blue Hydrangea. June. 9-10 feet. Zone 5.

Both hardy and beautiful. In alkaline soil the flowers are pink; in acid they are blue. To change alkaline soil into acid, use two tablespoons of aluminum sulphate to a gallon of water.

2 year heavy field grown plants	8.50	80.00	750.00

paniculata grandiflora. Peegee Hydrangea. August. 25 feet. Zone 4.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3.50	$ 30.00	$250.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00

HYPERICUM

	Per 10	Per 100	Per 1000
kalmianum. Kalm St. Johnswort. July. 3 feet. Zone 4.			
Produces handsome bright yellow single flowers to 1 inch in diameter. A low compact plant of neat habit.			
12 to 15 in.	$ 3.50	$ 30.00	$ -----
15 to 18 in.	4.50	40.00	-----
18 to 24 in.	5.50	50.00	-----

ILEX

verticillata. Common Winterberry. June. 9 feet. Zone 3.

Although flowers are inconspicuous, brilliant red berries remain on the plant until mid-winter. Autumn foliage coloration is yellow.

12 to 18 in.	4.50	40.00	-----
18 to 24 in.	6.50	60.00	-----

ORNAMENTAL SHRUBS—Continued

LAGERSTROEMIA

	Per 10	Per 100	Per 1000
indica. Common Crapemyrtle. August. 18-20 feet. Zone 7.			
Crinkled bright pink to red flowers to 1½ inches in diameter produced over a long period. Blooms on current years growth so heavy pruning can be practiced. Vigorous rounded habit. Available in the following color varieties.			
12 to 18 in.	$ 2.90	$ 25.00	$220.00
18 to 24 in.	4.00	35.00	300.00
2 to 3 ft.	5.00	45.00	400.00
3 to 4 ft.	6.50	60.00	550.00

PINK PURPLE RED WATERMELON RED WHITE

LONICERA

Clavey's Compact Dwarf Honeysuckle. May. 5 feet. Zone 4.

A new, compact growing, dwarf Honeysuckle. Grows into well-furnished globe shape without shearing. Excellent specimen or as edging and hedging.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 3.00	$ 25.00	$200.00
12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	7.00	65.00	600.00

	Per 10	Per 100	Per 1000
fragrantissima. Winter Honeysuckle. April. 6 feet. Zone 5.			
Fragrant white flowers are produced on previous year's growth followed by white fruits. Foliage is stiff, leathery and half-evergreen.			
12 to 18 in.	$ 3.50	$ 30.00	$250.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00
3 to 4 ft.	6.50	60.00	550.00
korolkowi. Blueleaf Honeysuckle. May. 12 feet. Zone 5.			
Outstanding chiefly because of its blue to gray-green foliage. Flowers are mostly rose followed by brilliant red to orange berries.			
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	7.00	65.00	600.00
morrowi. Morrow Honeysuckle. May. 6 feet. Zone 4.			
Noted chiefly for its dense, moundlike habit of growth, it produces white flowers changing to yellow followed by dark red berries.			
12 to 18 in.	3.20	28.00	____
18 to 24 in.	4.50	40.00	____
2 to 3 ft.	5.50	50.00	____
tatarica alba. White Tatarian Honeysuckle. May. 8-10 feet. Zone 3.			
Flowers of pure white are followed by red berries. Upright, neat habit.			
12 to 18 in.	3.20	28.00	____
18 to 24 in.	4.50	40.00	____
2 to 3 ft.	5.50	50.00	____
tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.			
Excellent blooms of rosy pink outside and light pink inside. An abundance of red berries.			
12 to 18 in.	3.20	28.00	____
18 to 24 in.	4.50	40.00	____
2 to 3 ft.	5.50	50.00	____
3 to 4 ft.	6.50	60.00	____
tatarica sibirica. Red Tatarian Honeysuckle. May. 8-10 feet. Zone 3.			
A profuse display of deep pink flowers followed by red berries. Hardy, neat and vigorous. Excellent as specimen as well as in screen and border.			
12 to 18 in.	3.20	28.00	____
18 to 24 in.	4.50	40.00	____
2 to 3 ft.	5.50	50.00	____
3 to 4 ft.	6.50	60.00	____

ORNAMENTAL SHRUBS—Continued

LONICERA—Continued

Zabel. Zabel Honeysuckle. May. 7 feet. Zone 4.

An improved strain of the species. True deep pink flowers almost appear red in early bloom. Outstanding in flowers, fruit and hardiness.

	Per 10	Per 100
12 to 18 in.	$ 3.50	$ 30.00
18 to 24 in.	4.50	40.00
2 to 3 ft.	5.50	50.00
3 to 4 ft.	6.50	60.00

PHILADELPHUS

	Per 10	Per 100	Per 1000
coronarius. Sweet Mockorange. May. 9 feet. Zone 4.			
Old fashioned sweet-scented Mockorange. Free flowering and vigorous. Single white flowers 1-1½ inches in diameter. Excellent for dry situations.			
12 to 18 in.	$ 2.90	$ 25.00	$220.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00
coronarius aureus. Golden Mockorange. 5 feet. Zone 4.			
Dwarf growing form with golden yellow foliage. Outstanding accent.			
12 to 15 in.	7.00	65.00	-----
15 to 18 in.	8.50	-----	-----
grandiflorus. Big Scentless Mockorange. June. 9 feet. Zone 4.			
Produces white flowers to 1¾ inches in diameter that have no scent, clustered. Habit of branching somewhat straggling.			
12 to 18 in.	3.00	25.00	220.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00
lemoinei Belle Etoile. June. 6 feet. Zone 5.			
Single, fragrant, pure white flowers having a slight purple tinge deep in throat when first open and of 2-2¾ inches in diameter. Not considered hardy north of southern Iowa.			
12 to 18 in.	4.50	40.00	-----
18 to 24 in.	5.50	50.00	-----
2 to 3 ft.	7.00	65.00	-----
lemoinei Enchantment. June. 8 feet. Zone 5.			
A tall growing Lemoine clon producing very fragrant, double, pure white flowers.			
12 to 18 in.	3.20	-----	-----
18 to 24 in.	4.50	-----	-----
2 to 3 ft.	5.50	-----	-----
lemoinei Innocence. June. 8 feet. Zone 5.			
One of the most fragrant varieties. The long arching branches are completely covered with large alabaster-white single blooms. Fragrance is more delicate yet more penetrating than Jasmine.			
12 to 18 in.	3.50	30.00	-----
18 to 24 in.	4.50	40.00	-----
2 to 3 ft.	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS—Continued

virginalis Virginal. June. 6-8 feet. Zone 5.

Widely grown and distributed, double flowering, fragrant Mockorange. Flowers are large, 2 inches in diameter and appear intermittently through the summer.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3.50	$ 30.00	$250.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00

PHYSOCARPUS

	Per 10	Per 100	Per 1000

opulifolius. Common Ninebark. June. 9 feet. Zone 2.

An excellent shrub for mass planting. Very hardy. Displays reddish to brown fruit in the fall.

12 to 18 in.	$ 2.90	$ _____	$ _____
18 to 24 in.	4.50	_____	_____
2 to 3 ft.	5.50	_____	_____
3 to 4 ft.	6.50	_____	_____

opulifolius aureus. Goldleaf Ninebark. June. 8-10 feet. Zone 2.

Wide spreading habit but maintains a formal outline. Foliage bright yellow to yellowish changing to golden brown in late summer. White flowers followed by reddish to brown capsules.

18 to 24 in.	4.50	40.00	_____
2 to 3 ft.	5.50	50.00	450.00
3 to 4 ft.	6.50	60.00	_____

opulifolius nanus. Dwarf Ninebark. June. 4-5 feet. Zone 2.

A particularly valuable, hardy, dwarf shrub of dense habit. Excellent facing plant, hedging material. Flowers and capsules similar to species.

12 to 18 in.	3.20	28.00	250.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00
3 to 4 ft.	6.50	60.00	_____

PRUNUS

cistena. Purple-leaf Sand Cherry. May. 7 feet. Zone 2.

Valued especially for its colorful foliage; however, produces blackish purple cherries following small white flowers.

	Per 10	Per 100	Per 1000
18 to 24 in.	$ 6.50	$ 60.00	$550.00
2 to 3 ft.	8.00	75.00	700.00

	Per 10	Per 100	Per 1000

glandulosa Doublepink. Doubleflowering Pink Almond. May 5-6. feet. Zone 4.

A beautiful shrub for foundation or border. Before leaves appear, it bears an abundance of small double pink flowers closely set on twigs. One of the best of all ornamental flowering shrubs.

12 to 18 in.	$ 3.50	$ 30.00	$ _____
18 to 24 in.	5.00	45.00	_____
2 to 3 ft.	6.00	55.00	_____
3 to 4 ft.	7.50	70.00	_____

ORNAMENTAL SHRUBS—Continued

PRUNUS—Continued

	Per 10	Per 100	Per 1000
triloba. Flowering Plum. April. 15 feet. Zone 5.			
Known as the "Rose Tree of China." One of the finest shrubs. Completely covered with pink rose-like flowers during April and May.			
12 to 18 in.	$ 4.00	$ 35.00	$ -----
18 to 24 in.	6.50	60.00	550.00
2 to 3 ft.	8.00	75.00	700.00
3 to 4 ft.	11.00	100.00	900.00

RHAMNUS

cathartica. Common Buckthorn. June. 15 feet. Zone 2.

Extremely hardy plant used primarily as hedging. Pale yellow flowers are followed by black berries.

18 to 24 in.	2.90	25.00	220.00
2 to 3 ft.	4.00	35.00	300.00
3 to 4 ft.	5.50	50.00	450.00

RHODOTYPOS

scandens. Black Jetbead. May. 6 feet. Zone 5.

Four petal white flowers are followed by shiny black berries which remain on the plant all winter. Fine facing shrub and works into border well.

12 to 18 in.	4.50	40.00	-----
18 to 24 in.	6.00	55.00	-----
2 to 3 ft.	7.00	65.00	-----

RHUS

aromatica. Fragrant Sumac. May. 3-4 feet. Zone 3.

An excellent shrub of dense habit to use in front of larger plants or on banks. Small yellowish flowers are followed by scarlet fruit. Scarlet fall coloration. Very hardy and a rapid grower.

12 to 18 in.	3.20	28.00	-----
18 to 24 in.	5.50	50.00	-----
2 to 3 ft.	6.50	60.00	-----

copallina. Flameleaf Sumac. August. 20 feet. Zone 4.

Large shrub with lustrous green leaves on reddish branches. Crimson fruit in fall and winter. Scarlet autumn foliage coloration.

2 to 3 ft.	4.50	-----	-----
3 to 4 ft.	5.50	-----	-----

typhina. Staghorn Sumac. June. 20-30 feet. Zone 3.

Named because of its very fuzzy twigs, this Sumac does well in very dry soils. Brilliant foliage in fall and bright fruit pyramids make this plant stand out among any others all during fall and winter.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2.50	$ 20.00	$180.00
18 to 24 in.	3.50	30.00	250.00
2 to 3 ft.	4.50	40.00	350.00
3 to 4 ft.	5.50	50.00	-----

typhina laciniata. Cutleaf Staghorn Sumac. 20-30 feet. Zone 3.

Very similar to the species; however, has finely and deeply divided leaflets.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2.50	$ 20.00	$180.00
18 to 24 in.	3.50	30.00	-----

ORNAMENTAL SHRUBS—Continued

RIBES

alpinum. Alpine Currant. May. 6-7 feet. Zone 2.

An attractively foliaged hardy shrub that makes a dense, compact, upright specimen and more particularly adapts itself to hedging purposes.

	Per 10	Per 100	Per 1000
12 to 15 in.	$ 4.50	$ 40.00	$ -----
15 to 18 in.	6.50	60.00	-----
18 to 24 in.	8.00	75.00	-----
2 to 2½ ft.	9.50	-----	-----

SALIX

purpurea Dwarf. Dwarf Purpleosier Willow. March. 9 feet. Zone 4.

One of the better in the species with dense habit, fine leaves and purple twigs in winter. Suited to moist situations, hedges and borders.

15 to 18 in.	3.00	25.00	-----
18 to 24 in.	3.60	32.00	-----
2 to 2½ ft.	4.50	40.00	-----

SAMBUCUS

canadensis aurea. Golden American Elder. June. 12 feet. Zone 3.

Produces strikingly colorful foliage and flat clusters of white flowers followed by edible blue black fruit.

18 to 24 in.	4.00	-----	-----
2 to 3 ft.	5.00	-----	-----
3 to 4 ft.	6.50	-----	-----

SPIRAEA

arguta. Garland Spirea. May. 5-6 feet. Zone 4.

The most free-flowering and showy of the early Spireas. Flat clusters of pure white flowers on arching branches. Useful specimen and in border.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2.90	$ 25.00	$220.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00

billardi. Billard Spirea. June. 6 feet. Zone 4.

Produces pyramidal spikes of bright rose flowers. Forms a dense mass of growth.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2.90	$ 25.00	$220.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00

billardi White. White Billard Spirea. June. 6 feet. Zone 4.

Habit and form similar to pink flowering Billard.

12 to 18 in.	2.90	25.00	-----
18 to 24 in.	4.50	40.00	-----
2 to 3 ft.	5.50	-----	-----

bumalda Anthony Waterer. June. 2 feet. Zone 4.

Very popular because flat clusters of flowers to 6 inches are produced over a period of several weeks and are of a bright crimson color. Foliage is tinged pink when it first appears.

9 to 12 in.	2.90	25.00	220.00
12 to 15 in.	4.20	36.00	320.00
15 to 18 in.	5.00	45.00	-----
18 to 24 in.	6.50	-----	-----

ORNAMENTAL SHRUBS—Continued

SPIRAEA—Continued

bumalda Froebel. Froebel Spirea. June. 2-3 feet. Zone 5.

A very hardy, vigorous spreading plant producing bright pink flowers. Young foliage has purplish tips. Autumn coloration reddish bronze.

	Per 10	Per 100	Per 1000
12 to 15 in.	$ 3.50	$ 30.00	$250.00
15 to 18 in.	4.00	35.00	300.00
18 to 24 in.	4.50	40.00	350.00
2 to 2½ ft.	5.50	50.00	450.00
2½ to 3 ft.	7.00	65.00	-----

	Per 10	Per 100	Per 1000
japonica coccinea. Redflowering Japanese Spirea. July. 4 feet. Zone 4.			
Similar in growth and habit to Anthony Waterer Spirea but of a much clearer and richer coloring. Foliage shows little fading to magenta.			
9 to 12 in.	$ 3.20	$ 28.00	$250.00
12 to 15 in.	4.50	40.00	350.00
thunbergi. Thunberg Spirea. May. 5 feet. Zone 4.			
Low growing shrub with slender branches. Early pure white flowers in clusters. Fine textured foliage turns to orange and yellow in fall.			
12 to 18 in.	2.90	25.00	220.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00
vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.			
Profuse white flower clusters, gracefully arching branches and general dependability maintain a valued reputation for the Vanhoutte. Excellent for flowering hedge, border and shrub mass.			
12 to 18 in.	2.50	22.00	200.00
18 to 24 in.	3.50	32.00	280.00
2 to 3 ft.	4.50	40.00	350.00

SYMPHORICARPOS

albus. Common Snowberry. June. 6 feet. Zone 3.

Attractive green foliage. Pink flowers. Large white fruit in clusters in autumn.

12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	3.50	30.00	250.00
2 to 3 ft.	4.00	35.00	-----

chenaulti. Chenault Coralberry. July. 6 feet. Zone 5.

Small pink flowers in spikes. Small red berries in the fall. A very refined shrub that will withstand heat, drought and dust. Excellent for use in any shrub border.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2.10	$ 18.00	$160.00
18 to 24 in.	2.90	25.00	220.00
2 to 3 ft.	3.50	30.00	250.00
3 to 4 ft.	4.50	40.00	350.00

	Per 10	Per 100	Per 1000
orbiculatus. Indiancurrant Coralberry. July. 5-6 feet. Zone 2.			
Hardy shrub producing small yellowish-white flowers. Important for the clusters of coral red berries in fall and winter.			
12 to 18 in.	$ 3.00	$ 25.00	$200.00
18 to 24 in.	3.50	30.00	250.00
2 to 3 ft.	4.00	35.00	300.00

ORNAMENTAL SHRUBS—Continued

SYRINGA

	Per 10	Per 100	Per 1000
chinensis. Chinese Lilac. May. 15 feet. Zone 5.			
Commonly called Rothomagensis. An upright shrub with arching branches and rich purple flowers. Very good for general planting because of its free blooming qualities and hardiness.			
12 to 18 in.	$ 4.00	$ 35.00	$ -----
18 to 24 in.	5.00	45.00	-----
2 to 3 ft.	6.00	55.00	-----
3 to 4 ft.	7.50	70.00	-----
villosa. Late Lilac. June. 9 feet. Zone 2.			
Panicles of delicate pink flowers. Dense dark green foliage. Valued for its dense, upright habit and late profuse flowers. One of the hardiest of all lilacs.			
12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	-----	-----
vulgaris purpurea. Common Purple Lilac. May. 20 feet. Zone 3.			
A hardy, attractive shrub with large clusters of purplish flowers.			
12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	-----
vulgaris, Hybrids and Horticultural Varieties. May. 8-15 feet. Zone 3.			
These marvelous products of selection are rapidly becoming the most popular flowering shrubs because they are used as specimen, ornamental clumps, screens, and for hedges.			
9 to 12 in.	3.20	28.00	-----
12 to 18 in.	4.50	40.00	-----
18 to 24 in.	6.50	60.00	-----
2 to 3 ft.	8.50	80.00	-----

	2-3′	18/24″	12/18″	9/12″
WHITE, single				
Mme. Florent Stepman	--	X	--	--
WHITE, double				
Mme. Abel Chatenay	X	X	X	X
Mme. Casimir Perier	X	X	X	X
BLUE and BLUISH, double				
President Grevy	X	X	X	X
LILAC, double				
Viviand Morel	--	X	X	X
Michael Buchner	X	X	--	--
PINK and PINKISH, double				
Belle de Nancy	X	X	--	--
MAGENTA (or reddish purple) single				
Charles X	X	X	X	X
Congo	X	X	X	--
MAGENTA (or reddish purple) double				
President Loubet	--	--	X	X
PURPLE (or deep purple) single				
Ludwig Spaeth	X	X	--	--

(Available in sizes as indicated by "X")

TAMARIX

	Per 10	Per 100	Per 1000
africana. African Tamarisk. May. 10-12 feet. Zone 7.			
Produces a mass of pink flowers in early spring followed by feathery green foliage.			
12 to 18 in.	$ 3.50	$ 30.00	$ -----
18 to 24 in.	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

TAMARIX—Continued

odessana. Odessa Tamarisk. July. 6-8 feet. Zone 4.

Upright slender branches. Light silvery foliage. Light pink flowers in slender racemes.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3.50	$ 30.00	$ _____
18 to 24 in.	4.50	40.00	_____

Pink Cascade. Plant Pat. No. 1275

Produces masses of cascading panicles of flesh-pink flowers in late summer when very few shrubs are in bloom. Handsome rich, blue green foliage.

	Per 10	Per 100
12 to 18 in.	$ 4.00	$ 35.00
18 to 24 in.	5.00	45.00

tetrandra. Fourstamen Tamarisk. May. 10-12 feet. Zone 4.

Slender branches of reddish-bronze bark. Pink flowers. Very hardy.

	Per 10	Per 100	Per 1000
12 to 18 in	$ 3.50	$ 30.00	$ _____
18 to 24 in.	4.50	40.00	_____
2 to 3 ft.	5.50	50.00	_____

VIBURNUM

burkwoodi. Burkwood Viburnum. May. 6 feet. Zone 5.

Waxy bluish-white flowers. The gardenia like fragrance is so sweet it pervades a large area. Red to black berries in the fall. Reddish autumn color.

15 to 18 in. Root wrapped in moss and burlap	15.00	_____	_____
18 to 24 in. Root wrapped in moss and burlap	19.50	_____	_____

carlesi. Koreanspice Viburnum. May. 5 feet. Zone 4.

Pale rosy-white, extremely fragrant flowers. A low growing, compact shrub. Reddish to wine red autumn color.

15 to 18 in. Root wrapped in moss and burlap	15.00	_____	_____
18 to 24 in. Root wrapped in moss and burlap	19.50	_____	_____

chenaulti. Chenault Viburnum. May. 5-6 feet. Zone 5

A new semi-evergreen hybrid similar to V. burkwoodi however more compact.

15 to 18 in. Root wrapped in moss and burlap	15.00	_____	_____
18 to 24 in. Root wrapped in moss and burlap	19.50	_____	_____

dentatum. Arrowwood Viburnum. June. 15 feet. Zone 2.

Attractive foliage. White flowers are followed by blue-black fruit. Glossy red fall foliage coloration. Strong, rapid grower.

12 to 18 in.	4.00	35.00	_____
18 to 24 in.	5.00	45.00	_____
2 to 3 ft.	6.00	_____	_____

juddi. Judd Viburnum. May. 5 feet. Zone 4.

An improved type of V. carlesi with bloom exactly the same. Resistant to black spot. Produced from cuttings.

15 to 18 in. Root wrapped in moss and burlap	16.50	_____	_____
18 to 24 in. Root wrapped in moss and burlap	21.00	_____	_____

lantana. Wayfaringtree Viburnum. May. 15 feet. Zone 3.

Produces white flowers in flat clusters followed by black fruit. Will grow well in dry soil situations.

12 to 18 in.	3.50	30.00	_____
18 to 24 in.	5.00	45.00	_____
2 to 3 ft.	6.00	55.00	_____

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

	Per 10	Per 100	Per 1000
lentago. Nannyberry Viburnum. May. 30 feet. Zone 2.			
Shiny green leaves and a splendid purplish red autumn color rate this Viburnum as an excellent background or screen plant. Flat clusters of white flowers are followed by black berries valuable as winter bird food.			
12 to 18 in.	$ 3.50	$ 30.00	$ ____
18 to 24 in.	5.00	45.00	____
2 to 3 ft.	6.00	55.00	____
opulus Dwarf. Dwarf European Cranberrybush.			
Apparently a non-fruiting form European Cranberrybush. Dense, slow growing shrub with brilliant autumn color. Seldom over 2 feet tall. Heavy clumps.			
9 to 12 in.	7.50	70.00	____
12 to 15 in.	9.00	85.00	____

opulus sterilis. Common Snowball. May. 10-12 feet. Zone 3.

A well-known shrub of upright, spreading branch habit. Produces white flowers in round clusters in early spring.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 4.00	$ 35.00	$300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	7.00	65.00	600.00

VITEX

	Per 10	Per 100	Per 1000
agnuscastus latifolia. Hardy Lilac Chastetree. August. 8-9 feet. Zone 6.			
Lilac-blue flowers. Gray, aromatic foliage. Blooms from July to September.			
12 to 18 in.	$ 3.20	$ 28.00	$ ____
18 to 24 in.	4.50	40.00	____

WEIGELA

florida. Oldfashioned Pink Weigela. May. 6-8 feet. Zone 5.			
Very popular. Displays beautiful, showy pink flowers.			
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	650.00

Newport Red. May. 6 feet. Zone 4.

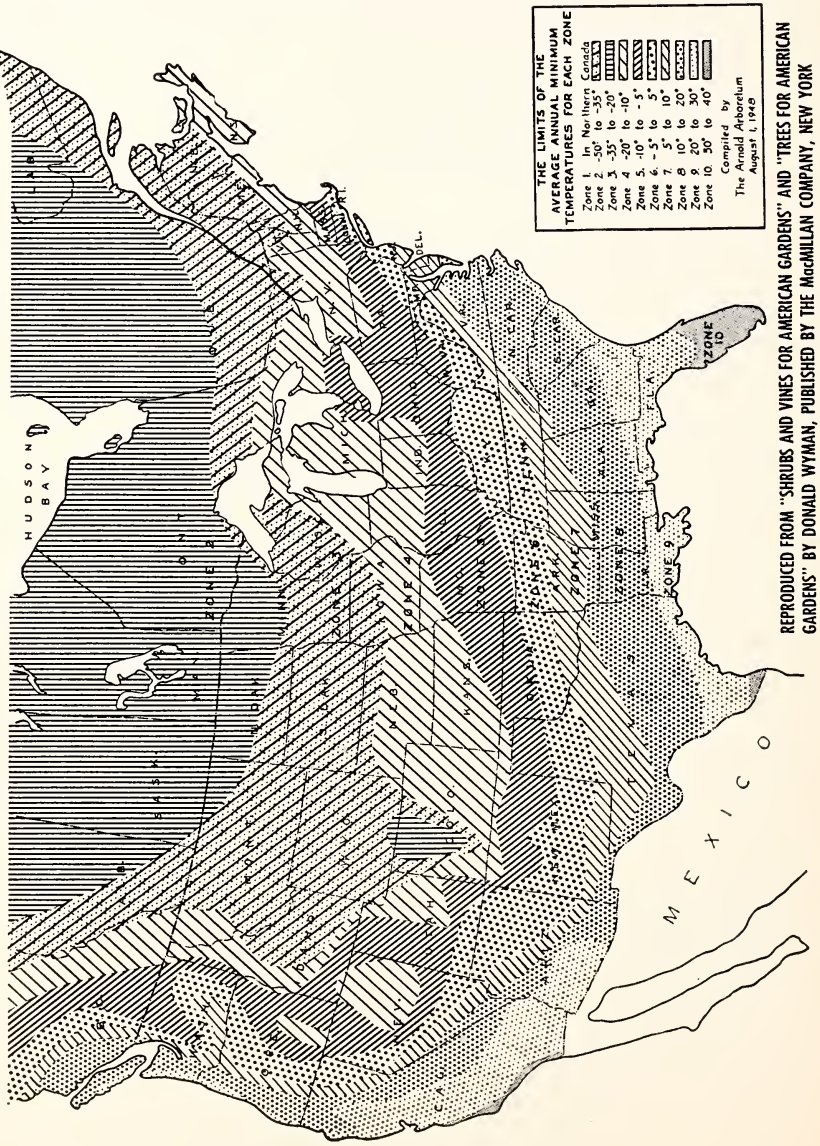
New ruby-red, recommended for its hardiness and its habit of growth. Neat, well-formed plant.

	Per 10	Per 100
12 to 18 in.	$ 4.00	$ 35.00
18 to 24 in.	5.50	50.00
2 to 3 ft.	6.50	60.00
3 to 4 ft.	8.00	75.00

	Per 10	Per 100	Per 1000
wagneri Dwarf Variegated. May. 5-6 feet. Zone 4.			
An attractive compact growing Weigela outstanding among other shrubs. Flowers of light pink are inconspicuous.			
12 to 18 in.	$ 4.00	$ 35.00	$ ____
18 to 24 in.	5.50	50.00	____
2 to 3 ft.	7.00	65.00	____
wagneri Eva Rathke. May. 5 feet. Zone 4.			
Produces brilliant crimson flowers in profusion.			
2 to 3 ft.	6.00	55.00	500.00

ORNAMENTAL SHRUBS—Continued

WEIGELA—Continued	Per 10	Per 100	Per 1000
wagneri Henderson. May. 8 feet. Zone 4.			
Very hardy. Produces light crimson flowers in abundance.			
12 to 18 in.	$ 3.20	$ 28.00	$ -----
18 to 24 in.	4.50	40.00	-----
2 to 3 ft.	5.50	50.00	-----
3 to 4 ft.	7.00	65.00	-----
wagneri Stelzner.			
A graceful spreading Weigela producing dark rose trumpets.			
18 to 24 in.	5.00	-----	-----
2 to 3 ft.	6.00	55.00	-----
3 to 4 ft.	7.50	70.00	-----



VINES

(Tied, 2 year No. 1, 10; 2 year Medium, 25 per bundle)

CAMPSIS

	Per 10	Per 100	Per 1000
radicans. Common Trumpetcreeper. July. 30 feet. Zone 4.			
A shrubby vine that clings to stone or woodwork. Brilliant orange to scarlet flowers are its chief attraction.			
3 year, No. 1	$ 4.00	$ 35.00	$ ____
2 year, No. 1	3.50	30.00	270.00
2 year, Medium	2.90	25.00	220.00

CELASTRUS

scandens. American Bittersweet. June. 20 feet. Zone 3.			
Inconspicuous flowers. A tall vigorous climber, with bright green leaves and orange-yellow berries. Good for covering rocks, walls or lattice.			
2 year, Medium	2.90	25.00	____

CLEMATIS

LARGE FLOWERING CLEMATIS	Per 10	Per 100
2½ inch pot plants	$ 6.00	$ 55.00

Henry, white, to 6 inches in diameter.
Jackman, large, violet- purple.
Mme. Edouard Andre, velvety purplish red.
Ramona, blue.

	Per 10	Per 100
2½ inch pot plants	$ 7.00	$ 65.00

Comtesse de Bouchaud, satiny rose.
Mme. Veillard, lilac rose, medium.
Mrs. Cholmondely, wistaria blue, large.

Plants are shipped with pot ball intact and individually wrapped in a polyethylene sheet to prevent moisture loss.

	Per 10	Per 100	Per 1000
paniculata. Sweet Autumn Clematis. August. 30 feet. Zone 5.			
Very fragrant white flowers. Lustrous, semi-evergreen foliage. The silvery seed heads make a display after flowers disappear. Vigorous and extremely ornamental.			
2 year, No. 1	$ 5.50	$ 50.00	$450.00

EUONYMUS

fortunei radicans. Common Wintercreeper. 25 feet. Zone 5.			
Evergreen foliage with leaves about 1 inch long. Grows rapidly. Excellent climbing vine or ground cover.			
2 year, No. 1	6.50	60.00	550.00
2 year, Medium	5.50	50.00	450.00

LONICERA

heckrotti. Everblooming Honeysuckle. June. 30 feet. Zone 5.

A vinelike shrub, valued for its bright purple flowers that open with a deep yellow center. Blooms throughout the summer.

	Per 10	Per 100	Per 1000
3 year, No. 1	$ 5.00	$ 45.00	$ ____
2 year, No. 1	4.50	40.00	350.00
2 year, Medium	4.00	35.00	300.00

	Per 10	Per 100	Per 1000
heckrotti Gold Flame. June. 30 feet. Zone 5.			
Blooms all summer. The showy flowers, borne in clusters, are red outside and a deep yellow inside. Very fragrant.			
2 year, No. 1	$ 4.50	$ 40.00	$ ____
2 year, Medium	4.00	35.00	____

VINES—Continued

LONICERA—Continued

japonica halliana. Hall's Japanese Honeysuckle. June. 25 feet. Zone 4.

White trumpet shaped flowers turn yellow with age. Semi-evergreen foliage turns bronze in autumn. Grows well in sun or shade and is frequently used as a ground cover. Rapid grower.

3 year, No. 1	$ 2.90	$ 25.00	$ _____
2 year, No. 1	2.60	22.50	200.00
2 year medium	2.10	18.00	160.00

	Per 10	Per 100	Per 1000

sempervirens. Trumpet Honeysuckle. June. 50 feet. Zone 3.

Large coral-red trumpet shaped flowers and beautiful blue-green foliage especially recommend this Honeysuckle vine. Blooms from June until frost.

3 year, No. 1	$ 4.00	$ 35.00	$ _____
2 year, No. 1	3,50	30.00	270.00
2 year, Medium	2.90	25.00	220.00

PARTHENOCISSUS

quinquefolia engelmanni. Engelmann Ivy. 50 feet. Zone 3.

A hardy, clinging vine producing dense green foliage that turns a vivid red in autumn. Leaves smaller than the species.

2 year, No. 1	3.50	30.00	270.00
2 year, Medium	2.90	25.00	220.00

POLYGONUM

auberti. Silvervine Fleeceflower. August. 25 feet. Zone 4.

Clusters of small greenish white flowers. The foliage is dense and bright green. A vigorous, twining vine that may grow as much as 20 to 30 feet in a single season.

2 year, No. 1	4.50	40.00	_____
2 year, Medium	3.50	30.00	_____

HEDGING

BERBERIS

	Per 100	Per 1000
thunbergi. Japanese Barberry. May. 6 feet. Zone 5.		
9 to 12 in. 2 year seedlings, branched	$ 8.50	$ 75.00
12 to 18 in. 2 and 3 year seedlings, branched	11.00	100.00
thunbergi atropurpurea. Redleaf Japanese Barberry. May. 6 feet. Zone 5.		
12 to 15 in. 2 and 3 year seedlings, branched	17.00	140.00
15 to 18 in. 2 and 3 year seedlings, branched	21.00	180.00
18 to 24 in. 2 and 3 year seedlings, branched	24.00	220.00

LIGUSTRUM

amurense. Amur River North Privet. June. 15 feet. Zone 3.

Produces white flowers in small spikes followed by dull, small black berries.

	Per 100	Per 1000	5000 lot Per 1000
9 to 12 in., branched	$ 7.00	$ 60.00	$ 50.00
12 to 18 in., 2 canes and up	9.00	80.00	60.00
12 to 18 in., 3 canes and up	12.00	100.00	75.00
18 to 24 in., 2 canes and up	12.00	100.00	75.00
18 to 24 in., 3 canes and up	14.00	125.00	100.00
2 to 3 ft., 2 & 3 canes and up	14.00	125.00	-----
2 to 3 ft., 4 canes and up	18.00	150.00	-----

3000 of a size takes 5000 rate.

ibolium. Ibolium Privet. June. 12 feet. Zone 4.

Hardier than the California Privet but very similar to it.

	Per 100	Per 1000
9 to 12 in.	$ 5.60	$ 50.00
12 to 18 in., 3 canes and up	9.00	80.00
18 to 24 in., 3 canes and up	12.00	-----
2 to 3 ft., 4 canes and up	16.50	-----

obtusifolium regelianum. Regel Privet. June. 4-5 feet Zone 3.

A very hardy variety, low habit, with almost horizontal branching. Small white flowers are followed by dull black to blue-black berries that remain well into winter.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2.80	$ 24.00	$220.00
18 to 24 in.	4.50	40.00	350.00
2 to 2½ ft.	5.50	50.00	450.00
2½ to 3 ft.	6.50	60.00	550.00

vulgare. European Privet. June. 15 feet. Zone 4.

Widely grown privet. Prominent pyramidal clusters of flowers followed by shiny black berries when not closely clipped.

	Per 100	Per 1000
9 to 12 in.	$11.00	$ 95.00
12 to 18 in.	14.00	120.00
18 to 24 in.	18.00	150.00
2 to 3 ft.	21.00	180.00

vulgare. Plant Introduction No. 107630.

A selection of vulgare that gives every evidence of being somewhat more hardy than the species. Reports on file show no damage from cold or dry weather in Sioux Falls, South Dakota; Boise, Idaho; and Sheridan, Wyoming.

9 to 12 in.	11.00	95.00
12 to 18 in.	14.00	120.00
18 to 24 in.	18.00	150.00
2 to 3 ft.	21.00	180.00

HEDGING—Continued

LIGUSTRUM—Continued	Per 100	Per 1000
vulgare Thompson. Thompson Privet.		
Rapid-growing, bushy, very desirable Privet.		
12 to 18 in.	$13.00	$120.00
18 to 14 in.	17.00	150.00
2 to 3 ft.	20.00	180.00
3 to 4 ft.	25.00	220.00
LONICERA		
tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.		
Flowers are rosy pink outside and light pink inside.		
9 to 12 in.	8.50	75.00
12 to 18 in.	11.00	100.00
18 to 24 in.	16.00	140.00
Zabel. Zabel Honeysuckle. May. 7 feet. Zone 4.		
Generally accepted as the best of the improved strains of Red Honeysuckle. Prolific in berry. Tidy and hardy.		
9 to 12 in.	11.00	100.00
12 to 18 in.	16.00	140.00
18 to 24 in.	21.50	190.00
ROSA		
carolina Carolina Rose. June. 3 feet. Zone 4.		
A beautiful rose, well suited for borders and thickets. Produces single, Persian-rose flowers followed by red fruit.		
No. 1, 3/16 to ¼ in.	4.50	40.00
eglanteria. Sweetbrier Rose. June. 6 feet. Zone 4.		
The Sweetbrier, so named because of its sweet scented foliage, produces rose or pink, single flowers followed by orange to scarlet berries.		
No. 1, 3/16 to ¼ in.	4.50	40.00
No. 2, 2/16 to 3/16 in.	3.50	32.00
multiflora. Japanese Rose. June. 10 feet. Zone 5.		
One of the most vigorous of all the rose species. Excellent ornamental hedge or thicket.		
No. 1, 3/16 to 1/4 in.	4.00	35.00
No. 2, 2/16 to 3/16 in.	2.90	25.00
setigera. Prairie Rose. July. 15 feet. Zone 4.		
Of late blooming season, wide-arching branching habit, and marked hardiness.		
No. 1 3/16 to ¼ in.	4.50	40.00
No. 2, 2/16 to 3/16 in.	3.50	32.00
virginiana. Virginia Rose. June. 6 feet. Zone 3.		
Of ornamental interest during each season of the year, the Virginia Rose produces single magenta to pink flowers followed by red berries. Can be maintained as an informal helge to 3 or 4 feet high.		
No. 1, 3/16 to ¼ in.	4.50	40.00
No. 2, 2/16 to 3/16 in.	3.50	32.00
SPIRAEA.		
vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.		
Profuse white flower clusters, gracefully arching habit and general dependability make this one of the most valued hedging plants.		
9 to 12 in.	8.50	75.00
12 to 18 in.	12.00	100.00
18 to 24 in.	15.50	140.00
ULMUS		
pumila. Siberian Elm.		
An excellent hedging material. "Lining Out Stock."		

NOTE: Lonicera heckrotti makes a novel and attractive hedge when planted in rows and kept sheared. Blooms all summer. See "Vines" for further description and prices.

SPECIMEN EVERGREENS

PRICES include digging BALLED and BURLAPPED by experienced personnel; however, ALL EVERGREENS ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF PLANTS ARRIVE IN GOOD CONDITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES. We DO NOT guarantee survival.

Evergreens that are selected and marked by customers in the nursery will carry 20 per cent additional charge added to the following listed prices.

WE INVITE inquiries for varieties and sizes not listed. Many items in nominal quantities of either size or variety are not listed herein.

JUNIPERUS	Per 10	Per 100
chinensis pfitzeriana aurea. Goldtip Pfitzer Juniper.		
An excellent type producing bright yellow foliage on new growth.		
18 to 24 in.	$35.00	$ -----
2 to 2½ ft.	40.00	-----
communis hibernica. Irish Juniper.		
A dense, upright form of communis. Very symmetrical with glaucous green foliage.		
18 to 24 in.	15.00	125.00
2 to 3 ft.	20.00	-----
3 to 4 ft.	27.50	250.00
glauca Hetz. Hetz Juniper.		
A blue foliaged spreading Juniper. Similar to Pfitzer Juniper but more prostrate.		
15 to 18 in.	27.50	250.00
18 to 24 in.	32.50	300.00
2 to 2½ ft.	37.50	-----
horizontalis plumosa. Andorra Juniper.		
Foliage more feathery and a lighter green than horizontalis. Turns pinkish to purple color in autumn and remains until new growth starts.		
15 to 18 in.	25.00	225.00
18 to 24 in.	30.00	275.00
sabina. Savin Juniper.		
Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups, or low borders.		
15 to 18 in.	27.50	250.00
18 to 24 in.	32.50	300.00
scopulorum Blue Heaven		
An attractive, easily maintained silvery blue pyramid.		
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00
3 to 3½ ft.	55.00	-----
3½ to 4 ft.	62.50	600.00
scopulorum Sutherland.		
Broad pyramid of bluish green color.		
2 to 2½ ft.	42.50	400.00
virginiana. Eastern Redcedar.		
Deep green foliage turns reddish brown in winter. Well sheared plants.		
2 to 2½ in.	27.50	250.00
2½ to 3 ft.	30.00	275.00
3 to 3½ ft.	37.50	350.00
3½ to 4 ft.	45.00	425.00
4 to 5 ft.	55.00	525.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued	Per 10	Per 100
virginiana Canaert. Of columnar habit and greenish silver color.		
2 to 2½ ft.	$45.00	$425.00
2½ to 3 ft.	50.00	475.00
virginiana Hill Dundee. Broad, easily maintained pyramid. Gray green foliage turns plum color in fall.		
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00
PINUS		
nigra. Austrian Pine. 60-70 feet. Zone 2. Remarkably robust. Spreading tree. Leaves long, stiff and dark green. Used extensively in cities as it is not affected by gasses and smoke.		
2 to 3 ft.	35.00	300.00
THUJA		
occidentalis Pyramidal. Pyramidal Arborvitae. Foliage of rich green. Narrow, pyramidal habit.		
18 to 24 in.	25.00	225.00
2½ to 3 ft.	32.50	-----

LINING OUT STOCK

Our liners are all carefully graded. The crooked and poor plants are discarded. We are confident that our stock will please you.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller. 100 per bundle.

25 of each variety is a minimum order for potted liners.

ACER	Per 100	Per 1000
saccharinum. Silver Maple. 1 year seedlings.		
6 to 12 in.	$ 1.80	$ 15.00
12 to 18 in.	3.20	28.00
18 to 24 in.	4.50	40.00
BERBERIS		
thunbergi. Japanese Barberry. 1 year seedlings.		
6 to 9 in.	5.00	45.00
9 to 12 in.	6.50	60.00
thunbergi atropurpurea. Readleaf Japanese Barberry. 1 year seedlings.		
6 to 9 in.	7.00	65.00
9 to 12 in.	8.50	80.00
CATALPA		
speciosa. Northern Catalpa. 1 year seedlings.		
6 to 12 in.	1.40	12.00
12 to 18 in.	2.40	20.00
CELASTRUS		
scandens. American Bittersweet.		
2¼ inch pot plants	18.00	160.00
CELTIS		
occidentalis. Common Hackberry. 1 and 2 year seedlings.		
6 to 12 in.	2.10	18.00
12 to 18 in.	3.00	27.00
18 to 24 in.	4.50	40.00
2 to 3 ft.	6.50	-----

LINING OUT STOCK—Continued

	Per 100	Per 1000
CLEMATIS		
tangutica. Golden Clematis.		
2¼ inch pot plants	$18.00	$160.00
CORNUS		
alba sibirica. Siberian Dogwood. 1 year seedlings.		
12 to 18 in.	6.50	60.00
DIOSPYROS		
virginiana. Common Persimmon. 1 year seedlings.		
6 to 12 in	3.50	30.00
EUNONYMUS		
fortunei radicans. Common Wintercreeper.		
2¼ inch pot plants	15.00	-----
FRAXINUS		
pennsylvanica lanceolata. Green Ash. 1 and 2 year seedlings.		
6 to 12 in.	1.40	12.00
12 to 18 in.	2.40	20.00
18 to 24 in.	3.20	28.00
2 to 3 ft.	4.00	35.00
3 to 4 ft.	5.50	50.00
JUGLANS		
nigra. Black walnut. 2 year seedlings.		
18 to 24 in.	4.50	40.00
2 to 3 ft.	7.50	60.00
3 to 4 ft.	10.00	-----
MORUS		
alba tatarica. Russian Mulberry. 1 year seedlings.		
6 to 12 in.	1.40	12.00
12 to 18 in.	2.40	20.00
18 to 24 in.	3.20	28.00
2 to 3 ft.	4.00	35.00
PARTHENOCISSUS		
tricuspidata veitchi. Veitch Boston Ivy. 1 year seedlings.		
No. 1	10.00	90.00
No. 2	7.50	65.00
POPULUS		
alba Bolleana. Bolleana Popar. 1 year hardwood cuttings.		
12 to 18 in.	8.00	-----
18 to 24 in.	12.00	-----
2 to 3 ft.	14.00	-----
Lombardy Poplar. 1 year hardwood cuttings.		
2 to 3 ft.	7.00	60.00
3 to 4 ft.	9.50	85.00
4 to 5 ft., lightly branched	14.00	120.00
Norway Poplar. 1 year hardwood cuttings.		
2 to 3 ft.	7.00	-----
3 to 4 ft.	9.50	-----
4 to 5 ft.	14.00	-----
5 to 6 ft.	20.00	-----
occidentalis Cottonless. Cottonless Cottonwood. 1 year hardwood cuttings.		
2 to 3 ft.	7.00	-----
3 to 4 ft.	9.50	-----
4 to 5 ft.	14.00	-----

LINING OUT STOCK—Continued

	Per 100	Per 1000
PRUNUS		
americana. American Plum. 1 year seedlings.		
¼ inch and up	$ 5.50	$ 50.00
No. 1, 3/16 to ¼ in.	4.00	35.00
No. 2, 2/16 to 3/16 in.	3.20	28.00
No. 3, about 2/16 in.	2.10	18.00
besseyi. Bessey Cherry. 1 year seedlings.		
6 to 12 in.	3.00	25.00
12 to 18 in.	4.00	35.00
18 to 24 in.	5.50	50.00
2 to 3 ft.	9.00	80.00
padus. European Bird Cherry. 1 year seedlings.		
6 to 12 in.	4.00	35.00
12 to 18 in.	5.50	50.00
18 to 24 in.	7.00	-----
RHUS		
aromatica. Fragrant Sumac.		
2¼ inch pot plants	11.00	100.00
SALIX		
alba tristis. Niobe Willow. 1 year hardwood cuttings.		
18 to 24 in.	5.00	42.50
2 to 3 ft.	7.00	60.00
3 to 4 ft.	11.00	-----
alba vitellina. Russian Golden Willow. 1 year hardwood cuttings.		
18 to 24 in.	2.90	25.00
2 to 3 ft.	4.50	40.00
3 to 4 ft.	5.50	50.00
blanda. Wisconsin Weeping Willow. 1 year hardwood cuttings.		
3 to 4 ft.	11.00	100.00
4 to 5 ft.	15.00	135.00
ULMUS		
americana. American Elm. 1 year seedlings.		
6 to 12 in.	1.40	12.00
12 to 18 in.	2.40	20.00
pumila. Siberian Elm. 1 and 2 year seedlings.		
6 to 12 in.	1.40	12.00
12 to 18 in.	2.40	20.00
18 to 24 in.	3.20	28.00
2 to 3 ft.	4.00	35.00
3 to 4 ft.	5.50	50.00
4 to 5 ft.	8.50	75.00
VIBURNUM		
lentago. Nannyberry.		
2¼ inch pot plants	13.50	120.00
opulus. European Cranberrybush.		
2¼ inch pot plants	16.50	150.00
trilobum. American Cranberrybush.		
2¼ inch pot plants	16.50	150.00

ROSES

All our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. These roses are carefully graded and stored in our modern automatically controlled cold storage.

Delivery of healthy vigorous rose bushes can be made any time after early February.

OUR ROSES ARE GUARANTEED TO PLEASE YOU

All roses are tied No. 1 and No. 1½, 10 per bundle.

WE DO NOT BREAK BUNDLES

Number after name of variety represents rating given it by the American Rose Society.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 6.50	$ 60.00	$550.00
Assorted as follows, No. 1½	5.25	47.50	425.00

RED SHADES

Ami Quinard, (6.3) dark velvety crimson, almost black; fragrant.

Better Times, (6.3) large, double, fragrant cerise flowers.

Christopher Stone, (8.1) fragrant vivid-scarlet, free blooming plant.

Crimson Glory, (9.1) one of the most popular crimson roses, recently on the patented list.

Etoile de Hollande, (8.1) one of the best dark red roses; a strong grower, free flowering and very fragrant.

Grenoble, (6.3) double, scarlet-red blooms on long stems. Vigorous, profuse and hardy.

McGredy's Scarlet, (7.5) crimson scarlet with orange base and upper portion of petals deep crimson. Rich glossy foliage.

Poinsettia, (7.6) one of the most brilliant red roses ever produced. Poinsetta scarlet. Good grower and fine cut flower.

Red Radiance, (7.9) bright rosy red, free blooming; delightfully fragrant.

PINK SHADES

Editor McFarland, (7.1) shapely buds and double, brilliant pink blooms. Profuse bloomer.

Picture, (8.0) a very beautiful rose. Warm pink, undertones of salmon; a very strong and one of the most vigorous plants.

Pink Dawn, (7.1) deep rose-pink, lightly toned orange; well formed flowers.

Pink Radiance. (7.9) large brilliant rose-pink; very fragrant. A most popular variety.

The Doctor, (7.6) a great achievement in rose breeding. The buds are long and pointed; enormous blooms of silvery pink. Intensely fragrant.

YELLOW SHADES

Eclipse, (8.1) yellow tapering buds on vigorous, branching plants.

Golden Dawn, (7.5) double bloom of light sunflower yellow. Bud flushed old rose. Low spreading plant.

Joanna Hill, (7.1) double blooms of golden buff, yellow center; fragrant.

McGredy's Yellow, (7.5) well formed flowers of bright buttercup yellow.

Mrs. P. S. DuPont. (7.4) bud reddish-gold, flower golden-yellow, lighter with age.

Soeur Therese, (7.5) double rich yellow blooms; vigorous, upright and profuse.

ROSES—Continued

TWO-TONED SHADES

Comtesse Vandal, (7.5) pink, copper, gold and salmon color combinations; long pointed buds, strong stems.

Condesa de Sastago, (7.4) petals are coppery pink inside, golden reverse.

McGredy's Sunset, (7.5) chrome yellow at base, shading to bright scarlet. Fragrant and double.

Mme. Henri Guillot, (8.4) double flowers of orange coral red.

Mme. Joseph Perraud, (7.0) High-centered, perfectly formed buds and double blooms shading from shell-pink at the edges to buff and orange in the center.

Pres. Herbert Hoover, (7.7) a glorious rose; cerise toned yellow, orange and scarlet; very fragrant.

WHITE SHADES

K. A. Viktoria, (6.7) very popular, free flowering, double, pure white

McGredy's Ivory, (7.2) Ivory-white, perfectly shaped double blooms; sweet scented.

Mme. Jules Bouche, (7.0) white with pale blush center. Double and fragrant.

Pedralbes, (7.4) cream turning to pure white. Large, double and slightly fragrant.

Rex Anderson, (6.9) An oustanding exhibition rose of delicate lovely ivory-white. Flowers fully double and of enormous size.

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 6.50	$ 60.00	$550.00
Assorted as follows, No. 1½	5.25	47.50	425.00

Betty Prior, (9.0) large bloom clusters of delicate pink with a spicy fragrance cover the plant from June through the season.

Cameo, (7.8) shell pink and salmon with a glow of gold; blooms continuously.

Charlie McCarthy, (6.3) clusters of creamy white buds and double white blooms. 18 inches.

Dagmar Spaeth, (8.2) alabaster white, edged pink.

Else Poulsen, (7.6) splendid bright rose-pink flowers of large size; fragrant.

Eutin, (8.6) clusters of very double, deep red flowers. Vigorous grower. Mildew resistant bush.

Floradora, (8.2) scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.

Frensham, (8.6) deep unfading scarlet in large trusses. Semidouble. Free blooming.

Garnette, (7.8) garnet-red with light lemon yellow base. Double. Slightly fragrant.

King Boreas, (6.9) very double, pure yellow shading to nearly white. Fragrant, recurrent bloomer. Very hardy.

Lafayette Improved, (7.3) large flowers of bright cherry-crimson.

Lipstick, ( ) deep cerise shaded salmon in clusters on long stems.

Permanent Wave, (8.1) bright carmine, semi-double flowers in clusters. Edges of petals wavy.

Poulsen's Bedder, (7.9) strong upright plants of about 3 ft. Produces masses of large slighty ruffled blooms of a clear rich pink. Long lasting .

Rosenelfe, (8.2) double, LaFrance pink flowers in clusters on long, strong stems.

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100
Grootendorst, F. J. Small bright red flowers in clusters.		
18 to 24 in.	$ 6.00	$ 55.00
12 to 18 in.	5.00	45.00
Grootendorst Pink. Charming pink variety of Grootendorst.		
2 to 3 ft.	7.00	65.00
18 to 24 in.	6.00	55.00
12 to 18 in.	5.00	45.00
Grootendorst Supreme. Deep crimson-red and longer lasting flowers than F. J. Grootendorst.		
2 to 3 ft.	7.00	65.00
12 to 18 in.	5.00	45.00
Sir Thos. Lipton, snowy white flowers freely produced.		
18 to 24 in.	5.50	50.00

CLIMBERS and RAMBLERS

	Per 10	Per 100	Per 1000
Blaze, (8.1) hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet crimson flower.			
XX Heavy	$ 7.00	$ 65.00	$ ____
No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
No. 2	3.70	32.00	280.00
City of York,, (8.6) semi-double, creamy-white in clusters of 7 to 15. Very vigorous climber and blooms profusely.			
No. 1½	5.50	50.00	450.00
No. 2	4.00	35.00	____
Cl. American Beauty, (7.6) Flowers rich red to crimson.			
No. 1½	5.00	45.00	400.00
No. 2	3.20	28.00	250.00
Doubloons, (7.1) double, rich gold, fragrant flowers in clusters on strong stems.			
No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
No. 2	4.00	35.00	____
Dr. Van Fleet, (8.7) Pale pink buds and flowers on long stems.			
No. 1	6.00	55.00	500.00
No. 1½	5.00	45.00	400.00
No. 2	3.20	28.00	____
Mary Wallace, (7.8) semi-double rose-pink. Rich green foliage. Profuse seasonal bloomer.			
No. 1	$ 6.00	$ 55.00	$500.00
No. 1½	5.00	45.00	400.00
No. 2	3.20	28.00	____
New Dawn, (8.8) fragrant blush pink flowers in clusters. Everblooming.			
No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
No. 2	4.00	35.00	____

ROSES—Continued

CLIMBERS and RAMBLERS — Continued

	Per 10	Per 100	Per 1000
Paul's Scarlet, (9.1) large intense scarlet flowers borne in clusters, free-flowering and hardy.			
XX Heavy	$ 6.50	$ 60.00	$ ____
No. 1	6.00	55.00	500.00
No. 1 ½	5.00	45.00	400.00
No. 2	3.20	28.00	250.00

Our roses are stored in our cold storage, where temperature and humidity is thermostatically controlled. We have equipped this storage with ultra-violet ray lamps which enable use to keep roses through the entire shipping season with absolutely no mold forming on the plants.

OUR ROSES LOOK WONDERFUL

One of our production men returned August 20th from an inspection trip of rose fields in California and Arizona. He reports the following: "The Shenandoah Nurseries have, beyond a doubt, some of the finest roses on the west coast. The plants are clean and thrifty and are making up into exceptionally fine stock."

ROSES—Continued

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. PRICES ARE NET.

SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES

HYBRID TEA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Applause, (7.8) Patent No. 829. (Retail $2.25 ea. 3 or more $2.00 ea.) Light red buds slowly open to perfectly shaped fifty-petaled blooms of heavy fragrance.				
No. 1	$ 1.25	$ 1.12½	$ --	$ --
No. 1½	1.00	.90	--	--
Ardelle, (7.3) Patent applied for. (Retails $2.50 ea. 3 or more $2.20 ea.) Long pointed buds open to large, double, creamy white flowers. Fragrant. Heavy, glossy foliage on vigorous 4′ plants.				
No. 1	1.40	--	--	--
No. 1½	1.12	--	--	--
Blanche Mallerin, (7.1) Patent No. 594. (Retails $2.25 ea. 3 or more $2.00 ea.) Long shapely buds and beautifully molded booms of pure satiny white are produced freely on a vigorous and upright bush. Sweetly fragrant.				
No. 1	1.25	1.12½	1.05	.95
No. 1½	1.00	.90	.84	.76
Burnaby, (8.4) Patent No. 1314. Retails $2.50 ea. 3 or more $2.20 ea.) Double, light yellow exhibition blooms of excellent form. Vigorous, bushy plants. Disease resistant.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
Capistrano, (7.4) Patent No. 922. (Retails $2.00 ea. 3 or more $1.75 ea.) Bright pink buds and blooms. Flowers are large and double, 6 inches, fragrant. Leathery foliage on vigorous, upright plant.				
No. 1	1.10	1.00	.95	--
No. 1½	.88	.80	.76	--
Charlotte Armstrong, (9.0) Patent No. 455 (Retail $2.25 ea. 3 or more $2.00 ea.) Brilliant blood-red buds on long slender stems opening to magnificient spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.				
No. 1	1.25	1.12½	1.05	.95
No. 1½	1.00	.90	.84	.76

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Debonair, (6.8) Patent No. 677. (Retails $2.25 ea.; 3 or more $2.00 ea.) Ovoid buds open to large. double primrose yellow blooms with a tea fragrance. Dark glossy foliage on a vigorous upright plant.				
No. 1	$ 1.25	$ 1.12½	$ 1.05	$ --
No. 1½	1.00	.90	.84	--
First Love, (8.0) Patent No. 921. (Retails $2.25 ea. 3 or more $2.00 ea.) Long tapering buds of pale dawn pink open slowly to a fragrant, long lasting bloom that is tinted with shades of salmon orchid and rose.				
No 1½	1.00	.90	.84	--
Golden Scepter, (7.3) Patent No. 910. (Retails $2.00 ea.; 3 or more $1.75 ea.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Golden Wings, (9.5) Patent No. 1419. (Retails $2.50 ea.; or more $2.20 ea.) Single, light yellow rose borne on a hardy plant that is ideal for hedge or shrub border. Prolific bloomer. One of the finest single yellows. Glossy disease resistant foliage.				
No. 1	1.40	1.25	1.20	--
No. 1½	1.12	1.00	.96	--
Grande Duchesse Charlotte, (8.1) Patent No. 774. (Retails $2.00 ea.; 3 or more $1.75 ea.) Individual blooms of copper-touched red opening from burnt carmine buds. A tall graceful rose of excellent form and good foliage. Disease resistant.				
No. 1	1.10	1.00	.95	--
No. 1½	.88	.80	.76	--
Helen Traubel, (8.7) Patent No. 1028. (Retails $2.75 ea.; 3 or more $2.40 ea.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificient and the half open flower and the glorious fully opened bloom dispaly the lovely color in a most lavish way.				
No. 1	1.50	1.37½	--	--
No. 1½	1.20	1.10	1.04	.96
Katherine T. Marshall, (7.2) Patent No. 607 (Retails $1.75 ea.; 3 or more $1.55 ea.) A rose of rare beauty and delicacy of form growing vigorously with large; open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.				
No. 1	1.00	.87½	.80	--
No. 1½	.80	.70	.64	--

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Lady Luck, ( ) Patent No. 1579. (Retails $2.25 ea.; 3or more $2.00 ea.) Large, long pointed buds open to very double deep pink blooms of lasting quality and strong fragrance. Leathery dark green foliage.				
No. 1	$ 1.25	$ 1.12½	$ 1.05	$ --
No. 1½	1.00	.90	.84	--
Love Song, (6.9) Patent No. 1360. Retails $2.50 ea.; 3 or more $2.20 ea.) Very double, beautifully formed rose of watermelon pink. Vivid yellow reverse. Fragrant. Upright plant with deep green waxy leaves.				
No. 1	1.40	1.25	1.20	--
No. 1½	1.12	1.00	.96	--
Lowell Thomas, (7.7) Patent No. 595. (Retails $2.25 ea.; 3 or more $2.00 ea.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high centered, lasting. clear canary-yellow on strong stem. Vigorous, compact, bushy, plants; upright intermittent bloomer. A.A.R.S. award for 1944.				
No. 1	1.25	1.12½	1.05	.95
No. 1½	1.00	.90	.84	.76
Mark Sullivan, (7.4) Patent No. 599. (Retails $1.75 ea.; 3 or more $1.55 ea.) Huge golden yellow flowers veined and shaded rose pink and cerise. Honey fragrance. Rich, leathery, glossy foliage.				
No. 1	1.00	.87½	.80	--
No. 1½	.80	.70	.64	--
Mirandy, (7.7) Patent No. 632. (Retails $2.25 ea.; 3 or more $2.00 ea.) First place winner of All-American rose competition of 1945. A strong free-branching plant producing large, long pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.				
No. 1½	1.00	.90	.84	.76
Mission Bells, (7.8 Patent No. 923. (Retails $2.00 ea.; 3 or more $1.75 ea.) Deep glowing salmon, which opens to a clear shrimp pink color long lasting and sun-resistant. Plant is abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across A. A. R. S. award for 1950.				
No. 1	1.10	1.00	.95	--
No. 1½	.88	.80	.76	--

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Nocturne, (8.1) Patent No. 713. (Retails $2.25 ea.; 3 or more $2.00 ea.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and the pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A. R.S. award for 1948.				
No. 1	$ 1.25	$ 1.12½	$ 1.05	$ .95
No. 1½	1.00	.90	.84	.76
Paramount, (7.8) Patent No. 948. (Retails $2.00 ea.; 3 or more $1.75 ea.) A double rose with buds and blooms of salmon pink tinted with rose and peach. Tall, strong, bushy plant.				
No. 1	1.10	1.00	--	--
No. 1½	.88	.80	--	--
Peace, (9.6) Patent No. 591. (Retails $2.50 ea.; 3 or more $2.20 ea.) Ovoid buds are golden-yellow etched with pink as they open, color changes from canary-yellow, pale golden, to irridescent cream. Petals are edged with apple-blossom-pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.				
No. 1½	1.12	1.00	.96	.88
Rose Marie Reid, (8.1) Patent No. 1487. (Retails $2.50 ea. 3 or more $2.20 ea.) Fragrant, dawn pink blooms borne in profusion on long stems. Deep green foliage. Disease resistant.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
Rubaiyat, (8.2) Patent No. 758. (Retails $1.75 ea.; 3 or more $1.55 ea.) Shapely buds open to large, double flowers of rose-pink to cerise red. Plant is tall, hardy and disease resistant.				
No. 1	1.00	.87½	.80	--
No. 1½	.80	.70	.64	--
Saturnia, (8.1) Patent No. 349. (Retails $1.75 ea.; 3 or more $1.55 ea.) A flaming cardinal red with reverse yellow and copper. Medium growing plant.				
No. 1	1.00	.87½	--	--
No. 1½	.80	.70	--	--
Show Girl, (7.6) Patent No. 646. (Retails $2.25 ea.; 3 or more $2.00 ea.) Perfectly formed buds of deep pink. Heavy textured petals and lasting quality of blooms make this one of the best pink roses for cutting. Long stems.				
No. 1	1.25	1.12½	1.05	.95
No. 1½	1.00	.90	.84	.76
Stork, (5.9) Patent No. 1134. (Retails $2.00 ea.; 3 or more $1.75 ea.) Early bloomer. Long pointed buds open to very large blooms of medium pink. Disease resistant.				
No. 1	1.10	1.00	--	--
No. 1½	.88	.80	--	--

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Tallyho, (8.4) Patent No. 828. (Retails $2.25 ea.; 3 or more $2.00 ea.) Ovoid buds open to large high centered double flowers with a spicy fragrance. The inside of the petals are old rose while the reverse side is brilliant crimson. The tall robust plants are very hardy. A. A. R. S. Award for 1949.				
No. 1	$ 1.25	$ 1.12½	$ 1.05	$ .95
No. 1½	1.00	.90	.84	.76
Tiffany, (8.7) Patent No. 1304. (Retails $2.50 ea.; 3 or more $2.20 ea.) Ovoid buds open to large high-centered blooms of pleasing pink with golden shading at base of petals. The double blooms have an outstanding fragrance. Petals of heavy texture are very long lasting. A.A. R.S. award for 1955.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
Volcano, (7.5) Patent No. 951. (Retails $1.75 ea.; 3 or more $1.55 ea.) Huge blooms that open as much as 7 inches across. Cherry red flowers slowly soften to rose pink. Dark green foliage.				
No. 1	1.00	.87½	--	--
No. 1½	.80	.70	--	--

White Knight, ( ) Patent No. 1359. (Retails $3.00 ea.; 3 or more $2.65 ea.) First white hybrid tea ever awarded the A.A.R.S. honor. Superb form of both bush and flower. The satiny white blossoms hold their purity of color on long stems ideal for cutting. The 35 petals roll loosely outward achieving a stunning effect in the open flower. 1958 A.A.R.S. award winner.

	10-20 Each	20-100 Each
No. 1½	$ 1.32	$ 1.20

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Cl. Chrysler Imperial, ( ) Patent No. 1528. (Retails $2.75 ea.; 3 or more $2.40 ea.) A.A.R.S. award winner for 1953 in climbing form. Long tapered crimson buds on vigorous canes open to vivid oxblood red.				
No. 1	$ 1.50	$ 1.37½	$ 1.30	$ 1.20
No. 1½	1.20	1.10	1.04	.96
Cl. Crimson Glory, (8.3) Patent No. 736. (Retails $2.50 ea.; 3 or more $2.20 ea.) Produces an abundance of perfectly formed crimson colored blooms.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED CLIMBERS—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Cl. Eutin. ( ) No. 1531. (Retails $2.50 ea.; 3 or more $2.20 ea.) Sport of the popular floribuida. Blooms in extremely large clusters throughout the season. Large leathery foliage.				
No. 1	$ 1.40	$ 1.25	$ 1.20	$ 1.10
No. 1½	1.12	1.00	.96	.88
Cl. Goldilocks, (6.7) Patent No. 1090. (Retails $2.50 ea.; 3 or more $2.20 ea.) Rich golden yellow sport of Goldilocks. Free blooming, vigorous and disease resistant.				
No. 1	1.40	1.25	--	--
No. 1½	1.12	1.00	--	--
Cl. Picture, (8.4) Patent No. 524. (Retails $2.50 ea.; 3 or more $2.20 ea.) Beautifully formed, rose pink flowers. Long stemmed. Fine for cutting.				
No. 1	1.40	1.25	1.20	--
No. 1½	1.12	1.00	.96	--
Cl. Pinkie, (8.0) Patent No. 1076. (Retails $2.75 ea.; 3 or more $2.40 ea.) Long slender pink buds open to 2 inch flowers on individual stems. Continuous bloom.				
No. 1½	1.20	1.10	1.04	--
Cl. Summer Snow, ( ) Patent No. 400. Retails $2.00 ea.; 3 or more $1.75 ea.) Glacier white double blooms in large clusters. A persistant bloomer, vigorous and hardy.				
No. 1	1.10	1.00	--	--
No. 1½	.88	.80	--	--
Golden Showers, ( ) Patent No. 1557. (Retails $2.75 ea.; 3 or more $2.40 ea.) Golden Showers is the first winter-hardy, everblooming pillar and climbing rose that actually blooms from early spring through to late fall. The buds and flowers are exquisitely shaped daffodil yellow, long pointed buds with fragrant, high centered, 25-30 petaled 3½ to 4 inch yellow open blooms. Almost thornless. Highly resistant to mildew and black spot. 1957 A.A.R.S. Award Winner.				
No. 1½	1.20	1.10	1.04	.96

PATENTED FLORIBUNDA

Baby Blaze, (7.6) Patent No. 1362. (Retails $2.00 ea.; 3 or more $1.75 ea.) A 1955 introduction which features dark red buds, opening to a rich velvety cherry-red color and only a few shades lighter when fully opened. Does not blue in any stage. Excellent for group plantings, foundation plantings and hedges. Flowers produced in large clusters of from 10 to 25 on a shoot. Vigorous grower, bushy, 3 feet.				
No. 1	1.10	1.00	--	--
No. 1½	.88	.80	.76	.68

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Chatter, (7.3) Patent No. 739. (Retails $1.50 ea.; 3 or more $1.30 ea.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.				
No. 1	$ .90	$ .75	$ --	$ --
No. 1½	.72	.60	.56	.52
Circus, Patent No. 1328. (Retails $2.50 ea.; 3 or more $2.20 ea.) The first Floribunda ever to win this award. Perfect urn-shaped buds of bright red and yellows, each color changing as the high-centered flower unfolds. Predominating color may be orange, then pink or gold, maturing a bright red. Mildly fragrant and of lasting substance making it fine for cutting. Plant is vigorous, medium low and compact with handsome foliage. A.A. R.S. Award for 1956.				
No. 1½	1.12	1.00	.96	.88
Corcorico, (8.6) Patent No. 1193. (Retails $2.00 ea.; 3 or more $1.75 ea.) Blazing scarlet clusters of 3 inch blooms and 5 to 9 velvety petals. Continuous bloomer. 3 feet tall, bushy and upright.				
No. 1	1.10	1.00	--	--
No. 1½	.88	.80	--	--
Donald Prior, (8.3) Patent No. 377. (Retails $1.50 ea.; 3 or more $1.30 ea.) Immense clusters of semi-double, brilliant red flowers all summer. 30-36 inches tall.				
No. 1	.90	.75	.70	.65
No. 1½	.72	.60	.56	.52
Embers, (6.5) Patent No. 1178. (Retails $2.00 ea.; 3 or more $1.75 ea.) Brilliant red blooms age to a darker color. 3 to 4 feet tall. Thick glossy leaves.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Frolic, (8.0) Patent No. 1179. (Retails $2.00 ea.; 3 or more $1.75 ea.) Medium sized compact plant covered with clear pink blooms. A perfect Floribunda for hedges, borders or show.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Goldilocks, (7.3) Patent No. 672. (Retails $1.75 ea.; 3 or more $1.55 ea.) Rich golden yellow buds are ovoid in shape, long lasting, hardy, and vigorous.				
No. 1	1.00	.87½	--	--
No. 1½	.80	.70	.64	.60

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Independence, (7.9) Patent No. 1036. (Retails $1.75 ea.; 3 or more $1.55 ea.) Brilliant orange scarlet blooms in clusters of six or more in a background of rich glossy green foliage. Blooms up to 4 inches in diameter. Fragrant. Compact plant 2½ to 3 feet in height.				
No. 1	$ 1.00	$ .87½	$ .80	$ .75
No. 1½	.80	.70	.64	.60
Irene of Denmark, (7.1) Patent No. 889 (Retails $1.75 ea.; 3 or more $1.55 ea.) Excellent white floribunda. Buds and blooms of "sweetheart" form. 2½ feet tall with wiry stems and fine foliage.				
No. 1	1.00	.87½	--	--
No. 1½	.80	.70	--	--
Jiminy Cricket, (8.0) Patent No. 1346 Retails $2.00 ea.; 3 or more $1.75 ea.) Tangerine red buds opening to coral-orange. Bronze foliage turning to rich green. Vigorous grower ideal for hedges and borders. A.A.R.S. award for 1955.				
No. 1½	.88	.80	.76	.68
Little Darling, ( ) Patent No. 1581. (Retails $2.00 ea.; 3 or more $1.75 ea.) Red orange on the outside changing to rose pink tones with buttercup yellow at center. Fine for corsages. Tall, bushy plant.				
No. 1	1.10	1.00	.95	--
No. 1½	.88	.80	.76	--
Ma Perkins, (8.0) Patent No. 1143. (Retails $2.00 ea.; 3 or more $1.75 ea.) Shades of red in the outer petals change to an open bloom of coral shell pink. A suffusion of yellow is present in all stages. Fragrant 25 petal blooms in clusters and singly.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Marionette, (7.2) Patent No. 569. (Retails $1.50 ea.; 3 or more $1.30 ea.) Hundreds of creamy yellow flowers change to pure white, fully double, to about 1½ inches in diameter.				
No. 1	.90	.75	--	--
No. 1½	.72	.60	--	--
Masquerade, (7.8) Patent No. 975. (Retails $2.00 ea.; 3 or more $1.75 ea.) Bloom clusters of yellow, red, pink, lemon and orange, 25 to 30 blooms per stem. Golden yellow center bud in each cluster opens first becoming rose pink and deepening to red.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Pinkie, (7.6) Patent No. 712. (Retails $2.00 ea.; 3 or more $1.75 ea.) Bushy plants 15 to 20 inches high are covered with a blanket of buds and open flowers about 2 inches in diameter. Spicy fragrance.				
No. 1	$ 1.10	$ 1.00	$ .95	$ --
No. 1½	.88	.80	.76	--
Pinocchio, (7.8) Patent No. 484. (Retails $1.75 ea.; 3 or more $1.55 ea.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft pink and in great clusters.				
No. 1	1.00	.87½	.80	.75
No. 1½	.80	.70	.64	.60
Red Cap, (7.8) Patent No. 1292. (Retails $2.00 ea.; 3 or more $1.75 ea.) Masses of showy flowers open light red and deepen to a velvety shade. Foliage large and abundant.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Spartan, (9.3) Patent No. 1357. (Retails $2.75 ea.; 3 or more $2.40 ea.) Clusters of burnt orange buds open slowly to a huge high-centered hybrid tea shaped bloom of bright orange red. Fragrant. Strong vigorous plant blooms long and abundantly.				
No. 1	1.50	1.37½	1.30	1.20
No. 1½	1.20	1.10	1.04	.96
Summer Snow, (7.4) Patent No. 416 (Retails $1.50 ea.; 3 or more $1.30 ea.) The most prolific of white Floribundas with great "drifts" of beautiful large clusters like mounds of snow. Fragrant.				
No. 1	.90	.75	.70	.65
No. 1½	.72	.60	.56	.52
The Texan, ( ) Patent No. 1471. (Retails $2.50 ea.; 3 or more $2.20 ea.) Fragrant rose red with yellow base. Double, medium sized flowers continuously in bloom. Dark green foliage.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
Vogue, (8.2) Patent No. 926. (Retails $2.00 ea.; 3 or more $1.75 ea.) Floribunda with its own unique brilliantly glowing cherry-coral color Individual flowers three or four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. award for 1952.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
White Bouquet. ( ) Patent No. 1415. Retails $2.50 ea.; 3 or more $2.20 ea.) First white floribunda to win A.A.R.S. award, 1957. Spicy fragrant flowers to 4 inches across in clusters and as individual flowers. Dark green foliage. 18 to 24 inches tall.				
No. 1	$ 1.40	$ 1.25	$ 1.20	$ 1.10
No. 1½	1.12	1.00	.96	.88
World's Fair, (8.0) Patent No. 362. (Retails $1.50 ea.; 3 or more $1.30 ea.) A.A.R.S. Award 1940. Produces large clusters of velvety blooms of fragrant blackish-scarlet with mass of gold stamens.				
No. 1	.90	.75	.70	.65
No. 1½	.72	.60	.56	.52

PATENTED GRANDIFLORA ROSES

The new Grandiflora class consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower, though not necessarily as large as Hybrid Teas, is larger than the average Floribunda but with the bud and flower form of the Hybrid Tea.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Buccaneer, (7.3) Patent No. 1119.(Retails $2.50 ea.; 3 or more $2.20 ea.) Perfect long buds open to a very bright unfading yellow. Profuse bloomer.				
No. 1	$ 1.40	$ 1.25	$ 1.20	$ 1.10
No. 1½	1.12	1.00	.96	.88
Carrousel, (9.0) Patent No. 1066. (Retails $2.00 ea.; 3 or more $1.75 ea.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Dean Collins, (6.6) Patent No. 1279, (Retails $2.50 ea.; 3 or more $2.20 ea.) Light red, large, open flower. Long lasting, double blooms. Excellent for cutting. Well formed disease resistant plant.				
No. 1	1.40	1.25	1.20	--
No. 1½	1.12	1.00	.96	--
Queen Elizabeth, (9.0) Patent No. 1259. (Retails $2.50 ea.; 3 or more $2.20 ea.) Pure pink blooms of the hybrid tea type borne on long stems. Glossy deep green foliage. A.A.R.S. Award for 1955.				
No. 1½	1.12	1.00	.96	.88
Roundelay, (8.0) Patent 1280. (Retails $2.50 ea.; 3 or more $2.20 ea.) Fine buds open into full high centered blooms of vivid red. Free bloomer in clusters with stout stems long enough for cutting. Delightfully fragrant. Vigorous upright plant with dark green foliage. Disease resistant.				
No. 1	1.40	1.25	--	--
No. 1½	1.12	1.00	.96	--

HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (*) especially suited for rock-garden.

	Per 10	Per 100
ALTHEA rosea. Hollyhock.		
Garden favorites in separate colors. Double.		
Pink, Red, White, Yellow	$ 1.80	$ 15.00
AQUILEGIA, Columbine. May-June		
Chrysantha, best long-spurred golden yellow flowers, 2½ ft. Late.	2.10	18.00
Crimson Star. New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. 24 in.	2.10	18.00
Mrs. Scott Elliott Hybrids, a dependable and recommended strain of long-spurred columbines. 2½ ft.	1.80	15.00
Lavender and Blue Shades, long spurred flowers. 2 ft.	2.10	18.00
Rose Queen, rose with white corolla. 18 in.	1.80	15.00
CAMPANULA, Bellflower		
Medium (Single canterburybells), large bell-shaped flowers.		
Blue, Rose and White, separate colors, June. 2 ft.	1.40	12.00

CHRYSANTHEMUMS

For spring delivery, we supply well-finished heavily rooted 2¼ inch pot plants.

Algonquin, a very hardy variety with healthy foliage. Pure bright yellow flowers; large and double. Early	1.80	15.00
Apache, large double flower of firecracker red with golden overcast.	3.00	25.00
Butterball, double, ball-like dark lemon yellow. Mid--August. 18 inch plant.	2.10	18.00
Chippewa, double blooms of bright aster-purple. Hardy. Early.	2.10	18.00
Courageous, large bright dark ruby-red double flowers to 3½ inches. Late.	2.10	18.00
Dr. Longley, double, bright rose pink. Very early. 18 inches.	2.90	25.00
Early Harvest, double mahogany orange blooms for two months. Excellent cushion type. Early. 16 inches.	2.10	18.00
Fairbow, double, lavender pink, heavy blooming pompon. Early.	2.10	18.00
Glacier, double blooms of pure glistening white. Compact plant. Early. 16 inches.	2.10	18.00
Golden Mound, golden blooms on an excellent cushion type plant. Early. 18 inches.	2.40	20.00
Indiana, double blooms of rich velvety crimson shaded darker at center. Long stems. Late. 24 inches.	2.40	20.00
Magnificent, unusual rosy cardinal blooms on a fine plant. Midseason.	2.10	18.00
Pink No. 1092, lavender-pink, upturned petals. Midseason. 18 in.	2.10	18.00
Plainsman, double carnation flowered Mum of cinnamon red with bronze. Late.	2.10	18.00
Purple Star, bright dahlia purple flowers of star-like shape. Early. 2 feet.	2.10	18.00
Red Gold, double blooms of a lively combination of red and golden orange. Early. 20 inches.	2.10	18.00
September Bronze, golden bronze pompon. Late. 12 inches.	2.10	18.00

HARDY PERENNIALS—Continued

CHRYSANTHEMUMS—Continued

	Per 10	Per 100
White Cloud, vigorous pure white with a touch of pink at the center. Midseason.	$ 2.90	$ 25.00
Yellow Avalanche, large double sport of Avalanche. Midseason. 1¼ to 2 feet.	2.90	25.00

CHRYSANTHEMUMS — CUSHIONS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

Bronze Cushion, double flowers in compact mounds of bronze and copper.	1.80	15.00
Pink Cushion, masses of light pink flowers in broad mounds.	1.80	15.00
Purple Cushion, perfectly shaped, round bushy plants covered with purplish rose flowers with deep wine centers.	2.40	20.00
White Cushion, double white flowers.	1.80	15.00
Yellow Cushion, pure golden yellow blooms that last well.	1.80	15.00

CARNATION HARDY—See Dianthus Grenadin Caryophyllus

CHRYSANTHEMUM MAXIMUM, Shasta Daisy, June-July.

	Per 10	Per 100	Per 1000
Alaska Supreme, shapely plants, large flowers. June-July.	$ 1.20	$ 10.00	$ 80.00

*DIANTHUS	Per 10	Per 100
Barbatus, OldFashioned Sweet William. This is the Old Fashioned Sweet William bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.		
Giant White,	$ 1.40	$ 12.00
Newport pink. Rich salmon pink. This variety being grown from seed is always partly mixed.	1.40	12.00
Salmon. Bright deep salmon.	1.40	12.00
Scarlet Beauty. 18 inches.	1.40	12.00

DIANTHUS GRENADIN CARYOPHYLLUS

(HARDY CARNATION)

This is the hardiest of all outdoor carnations. Very fragrant, full double producing flowers on long stems. The finest of all varieties.

Dwarf Bright Scarlet	1.80	15.00
Golden Sun. Early flowering, very double, large clear yellow flowers	1.80	15.00
Rose Queen Triumph. Deep delicate pink.	1.80	15.00

DICENTRA, Bleeding Heart.

eximia, Fern Leaved Bleeding Heart.	2.10	18.00
spectabilis, an old-fashioned favorite; its long racemes of graceful heart shaped pink flowers are always attractive. 18 in. Undivided plants. 3 to 5 eye.	4.50	40.00

HARDY PERENNIALS—Continued

DIANTHUS GRENADIN CARYOPHYLLUS—Continued

	Per 10	Per 100
***FUNKIA, Hosta, Plantain Lily.**		
Lancifolia, green foliage, lilac flowers. July-Aug. 18 in.	$ 1.80	$ 15.00
GAILLARDIA, Blanket Flower. June until frost.		
Burgundy, rich wine-red; excellent for cutting. 1½ to 2 ft.	1.80	15.00
Dazzler, large golden and maroon flowers, strong stems. 1½ ft.	1.80	15.00
GYPSOPHILA, Baby's Breath.		
paniculata compacta, snow white double. A symmetrical mass of minute white flowers during August and September. 2 ft.	1.20	10.00
HEMEROCALLIS, Day Lily.		
Hyperion, popular yellow with very large slightly fragrant flowers Profilic bloomer. Mid-July to August. 3 feet.	3.20	30.00
***HEUCHERA, Coralbells.**		
Brizoides, coral-pink, very prolific. May. 12 in.	1.50	13.00
***IBERIS, Hardy Candytuft.**		
sempervirens, each plant is a sheet of white in May and June, plants are dwarf, deep green foliage almost evergreen. 8 in.	1.40	12.00
LATHYRUS, Everlasting Sweet Pea.		
latifolium, a lovely trailing plant that blooms all summer. Pink, Red. Separate colors. 3 ft.	1.40	12.00
LILY-OF-THE-VALLEY (Convallaria majalis)		
Very fragrant pure white bell-shaped flowers for shaded locations.		
Pips	.40	3.50
Clumps (10 pips each)	2.90	25.00
***LINUM, Flax.**		
perenne, bright blue flowers, upright growth.	1.40	12.00
LYTHRUM		
The Beacon. For small border or large mass planting. The long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally in wet semi-shade and open dry sun. July to frost.	2.10	18.00
Morden Rose, a neat compact plant of abundant dark green foliage. Rich rose red blooms in spikes to 4 feet.	3.50	30.00
MYOSOTIS, Forget-me-not.		
***Palustris semperflorens,** rich blue flowers, yellow eye. Blooms all summer. 8 in.	1.40	12.00

PHLOX — Paniculata

All varities of Phlox offered are Field Grown; they have been twice transplanted, are vigorous and well developed.

Antoinette Six, unusually large heads of pure white.	1.80	15.00
Border Queen, a fine gleaming rich pink.	1.80	15.00
B. Symone Jenne, large heads of clear pink.	2.10	18.00
Charles Curtis, brilliant sunset red. 2½ ft. Color does not fade.	2.10	18.00
Lillian, a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.	1.80	15.00
Pink Charm, bright clear pink with scarlet sheen.	2.10	18.00
Pinkette, large florets of soft, delicate pink.	2.10	18.00
Prime Minister, pure white and distinct crimson eye.	1.80	15.00
Progress. Superb light blue, handsomely set off with deeper purple-blue eyes, extremely large flower heads with 1¼ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2.10	18.00

HARDY PERENNIALS—Continued

PHLOX—Paniculata—Continued	Per 10	Per 100
Purple Heart, brilliant deep blue-purple, darker center with cream colored anthers.	$ 2.10	$ 18.00
World Peace. Pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best new white.	2.40	20.00
PHLOX, subulata, Moss or Mountain Pinks.		
alba, pure white flowers cover the compact plant in May.	1.80	15.00
atropurpurea, deep carmine red, darker eye. May-June. 4 in.	1.80	15.00
Blue Emerald Cushion, a fine blue upon a mat of excellent emerald foliage.	2.10	18.00
Emerald Cushion. A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping Phlox.	2.10	18.00
May Snow. An extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches.	2.10	18.00
Moerheimi. An excellent Dutch introduction producing angel pink flowers in spring.	2.10	18.00
Sky Blue, a fine compact plant with light blue flowers in a splendid display.	1.80	15.00
PLATYCODON, Balloon Flower. June and July. 18 in.		
grandiflorum, blue	1.40	12.00
PYRETHRUM, Painted Daisy. May-June. 18 in.		
hybridum roseum, soft pink and rose shades, single.	1.40	12.00
SALVIA (Sage)		
Edible, especially valuable for seasoning. 2 ft.	1.20	10.00
***SEDUM, Stonecrop.**		
Acre, (Golden Moss), green foliage, yellow flowers. July. 4 inches.	1.40	12.00
Kamtschaticum, orange yellow flowers with prostrate green foliage turning golden in autumn.	1.80	15.00
Sexangulare, yellow flowers, very dark green foliage. May-June. 4 inches.	1.80	15.00
TEUCRIUM, Germander		
Chamaedrys, popular perennial hedge plant. Readily maintained to a height of 12 inches. Glossy, evergreen foliage.	2.50	22.50
VINCA MINOR		
Bowles Variety, an excellent ground cover. Blue flowers are set off by dark green, glossy leaves.	2.40	20.00
YUCCA FILAMENTOSA		
Creamy-yellow. 6 foot. This plant with its broad sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July. From root divisions.	2.10	18.00

MEXICAN TUBEROSES

This is the best of all Tuberoses. Single flowering and very fragrant. Blooms July and August.

	Per 10	Per 100	Per 1000
No. 1	$ .80	$ 7.50	$ 65.00

LILIES

Domestic Grown

	Per 10	Per 100
tenuifolium (Coral L). Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.		
No. 1	$ 1.00	$ 8.00
No. 2	.70	6.00

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